

ALMANAC LXVI CONJUNCTIONS BETWEEN ASTRONOMICAL OBJECTS IN CE

The almanac LXVI contains a list of conjunctions between astronomical objects from the 1st millennium CE to the 42nd millennium CE.

1ST MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 1st millennium CE.

DATE	TT	D	e	MAG	OBJECTS			
		MAX	MIN					
1/11/05 08:27	2.708	-16	1.4	Mercury	Venus	Mars	Jupiter	
14/07/31 02:14	1.482	-3	1.7	Mars	Alpha LEO	Regulus	Mercury	
16/07/14 02:27	1.152	14	1.7	Mercury	Alpha LEO	Regulus	Mars	
16/07/16 17:29	1.948	11	1.7	Venus	Alpha LEO	Regulus	Mars	
22/08/16 14:21	1.009	-17	1.4	Venus	Alpha LEO	Regulus	Jupiter	
27/08/01 18:06	1.391	-3	1.4	Venus	Alpha LEO	Regulus	Mercury	
28/09/10 11:22	1.612	-44	5.5	Venus	Alpha LEO	Regulus	Uranus	
29/06/30 21:51	1.415	25	5.6	Venus	Alpha LEO	Regulus	Uranus	
29/07/15 11:37	1.221	12	5.6	Mercury	Alpha LEO	Regulus	Uranus	
29/08/09 21:28	1.083	-11	5.6	Mars	Alpha LEO	Regulus	Uranus	
33/08/29 09:58	1.647	-32	1.4	Venus	Alpha LEO	Regulus	Saturn	
34/06/18 15:35	1.640	39	1.4	Venus	Alpha LEO	Regulus	Saturn	
34/07/29 01:48	1.407	1	1.4	Mercury	Alpha LEO	Regulus	Jupiter	
35/08/22 06:42	2.762	4	5.6	Venus	Jupiter	Uranus	Moon	
35/08/23 22:32	0.964	4	5.6	Venus	Jupiter	Uranus		
38/08/15 18:24	1.467	-17	1.4	Mercury	Alpha LEO	Regulus	Venus	
53/03/08 22:45	2.678	-3	7.9	Venus	Saturn	Neptune	Moon	
59/08/29 05:32	0.471	7	-1.0	Mercury	Venus	Jupiter		
63/07/07 08:37	1.851	19	1.4	Mercury	Alpha LEO	Regulus	Saturn	
63/07/17 21:49	0.798	11	1.7	Saturn	Alpha LEO	Regulus	Mars	
67/07/28 13:48	1.943	-1	1.4	Venus	Alpha LEO	Regulus	Mercury	
78/08/14 02:03	1.729	-14	1.4	Venus	Alpha LEO	Regulus	Mercury	
82/06/16 05:19	1.373	41	1.6	Mars	Alpha LEO	Regulus	Venus	
92/09/09 01:33	1.080	-40	1.4	Venus	Alpha LEO	Regulus	Saturn	
93/07/30 12:10	1.418	-2	1.7	Mars	Alpha LEO	Regulus	Mercury	

95/07/14 13:45	1.112	15	1.7	Mars	Alpha LEO	Regulus	Mercury
105/08/08 21:23	1.653	-11	1.4	Mercury	Alpha LEO	Regulus	Jupiter
110/08/01 01:06	0.773	-15	8.0	Venus	Uranus	Neptune	
110/08/02 04:48	1.621	-15	8.0	Venus	Uranus	Neptune	Moon
111/05/29 13:34	2.993	44	8.0	Venus	Uranus	Neptune	Moon
111/06/19 18:43	0.946	26	8.0	Mercury	Uranus	Neptune	
113/07/28 10:26	1.398	1	5.6	Uranus	Alpha LEO	Regulus	Mercury
113/08/26 10:13	1.829	-26	5.6	Venus	Alpha LEO	Regulus	Uranus
114/06/13 18:01	1.932	45	5.5	Mars	Alpha LEO	Regulus	Uranus
114/06/14 23:20	1.811	43	1.5	Venus	Alpha LEO	Regulus	Mars
116/07/04 12:57	0.825	23	8.0	Mercury	Alpha LEO	Regulus	Neptune
116/09/08 07:47	1.506	-39	8.0	Venus	Alpha LEO	Regulus	Neptune
117/06/27 05:22	1.377	31	8.0	Venus	Alpha LEO	Regulus	Neptune
117/07/01 07:23	1.450	27	8.0	Mercury	Alpha LEO	Regulus	Neptune
117/08/19 04:19	0.958	-17	8.0	Mercury	Jupiter	Neptune	
118/08/10 18:18	1.120	-12	1.4	Venus	Alpha LEO	Regulus	Mercury
121/09/26 00:48	0.990	-18	5.6	Mercury	Venus	Uranus	
122/07/09 03:23	0.811	19	1.4	Saturn	Alpha LEO	Regulus	Mercury
123/08/07 16:45	0.715	6	8.0	Venus	Saturn	Neptune	
127/10/19 19:14	1.824	-14	5.6	Mercury	Mars	Saturn	Uranus
131/09/30 21:52	2.906	18	5.6	Mercury	Venus	Mars	Uranus
141/06/25 04:07	1.453	31	1.4	Jupiter	Alpha LEO	Regulus	Venus
151/08/09 21:23	1.538	-11	1.4	Mercury	Alpha LEO	Regulus	Saturn
159/11/25 17:29	2.798	-22	8.0	Mars	Saturn	Neptune	Moon
164/11/29 14:54	0.799	-18	8.0	Mercury	Venus	Neptune	
168/07/08 22:21	1.481	19	1.4	Venus	Alpha LEO	Regulus	Mercury
172/07/29 22:01	1.413	-2	1.7	Mars	Alpha LEO	Regulus	Mercury
173/04/28 07:21	1.754	-17	5.9	Jupiter	Saturn	Uranus	Moon
174/07/14 01:07	1.069	15	1.7	Mars	Alpha LEO	Regulus	Mercury
181/06/23 09:09	1.341	34	1.4	Saturn	Alpha LEO	Regulus	Venus

181/07/10 23:05	1.640	19	1.4	Mercury	Alpha LEO	Regulus	Saturn
182/12/22 16:23	0.907	26	1.0	Venus	Mars	Jupiter	
194/02/07 01:36	3.070	-23	8.0	Mercury	Mars	Neptune	Moon
196/01/18 01:41	2.966	-1	8.0	Mars	Saturn	Neptune	Moon
196/10/23 00:24	1.378	-85	5.5	Uranus	Alpha LEO	Regulus	Mars
197/08/10 08:57	1.197	-11	5.6	Mercury	Alpha LEO	Regulus	Uranus
201/09/06 05:12	0.732	-17	5.5	Mercury	Venus	Uranus	
201/09/16 15:07	0.879	-15	-0.9	Mercury	Venus	Jupiter	
206/06/22 10:16	2.050	-19	0.4	Mercury	Venus	Saturn	Moon
208/07/05 17:52	1.201	23	1.4	Mercury	Alpha LEO	Regulus	Venus
210/08/11 18:01	1.095	-12	1.4	Saturn	Alpha LEO	Regulus	Mercury
211/03/30 11:56	2.430	-22	1.1	Mercury	Venus	Mars	Moon
212/07/25 19:20	1.416	4	1.4	Mercury	Alpha LEO	Regulus	Jupiter
224/07/04 23:36	1.190	23	1.4	Jupiter	Alpha LEO	Regulus	Venus
227/09/30 17:12	1.560	28	1.2	Venus	Mars	Jupiter	Moon
228/04/20 09:06	2.890	-18	7.9	Mercury	Mars	Neptune	Moon
239/09/13 18:54	1.678	-45	1.4	Venus	Alpha LEO	Regulus	Saturn
240/06/15 00:43	0.858	43	1.5	Saturn	Alpha LEO	Regulus	Mars
248/07/03 05:12	1.742	25	1.4	Mercury	Alpha LEO	Regulus	Venus
249/08/18 06:12	0.965	-19	1.7	Venus	Alpha LEO	Regulus	Mars
251/07/30 07:53	1.406	-1	1.7	Mars	Alpha LEO	Regulus	Mercury
253/07/13 12:49	1.024	16	1.7	Mars	Alpha LEO	Regulus	Mercury
259/07/18 14:31	1.206	11	1.4	Venus	Alpha LEO	Regulus	Mercury
269/08/13 13:34	1.773	-12	1.4	Mercury	Alpha LEO	Regulus	Saturn
270/08/12 03:32	0.683	1	0.7	Mercury	Venus	Saturn	
280/11/13 12:03	1.629	-105	7.9	Uranus	Alpha LEO	Regulus	Neptune
281/07/02 01:51	2.000	25	5.6	Mercury	Alpha LEO	Regulus	Uranus
281/07/02 05:53	1.990	25	8.0	Mercury	Alpha LEO	Regulus	Uranus Neptune
281/07/02 16:33	0.364	26	8.0	Mercury	Alpha LEO	Regulus	Neptune
281/08/01 22:00	0.898	-2	8.0	Uranus	Alpha LEO	Regulus	Neptune

281/08/15 16:25	0.838	-15	5.6	Mars	Alpha LEO	Regulus	Uranus		
281/08/16 02:47	1.295	-15	8.0	Mars	Alpha LEO	Regulus	Neptune		
281/08/16 04:19	1.298	-15	8.0	Mars	Alpha LEO	Regulus	Uranus	Neptune	
281/08/16 10:26	1.109	-16	1.7	Mars	Alpha LEO	Regulus	Venus		
281/08/16 15:47	1.215	-16	5.6	Mars	Alpha LEO	Regulus	Venus	Uranus	
281/08/16 17:54	0.844	-16	5.6	Venus	Alpha LEO	Regulus	Uranus		
281/08/16 21:12	1.328	-16	8.0	Mars	Alpha LEO	Regulus	Venus	Neptune	
281/08/16 21:32	0.764	-16	8.0	Mars	Uranus	Neptune			
281/08/16 21:46	1.341	-16	8.0	Mars	Alpha LEO	Regulus	Venus	Uranus	Neptune
281/08/16 22:53	1.326	-16	8.0	Venus	Alpha LEO	Regulus	Neptune		
281/08/16 23:56	1.327	-16	8.0	Venus	Alpha LEO	Regulus	Uranus	Neptune	
281/08/17 03:03	0.669	-16	5.6	Venus	Mars	Uranus			
281/08/17 07:05	0.731	-16	8.0	Venus	Mars	Uranus	Neptune		
281/08/17 07:05	0.731	-16	8.0	Venus	Mars	Uranus	Neptune		
281/08/17 07:59	0.612	-16	8.0	Venus	Uranus	Neptune			
281/08/17 12:50	0.741	-16	8.0	Venus	Mars	Neptune			
281/08/17 17:29	1.894	-16	8.0	Mercury	Venus	Uranus	Neptune		
281/08/17 17:37	2.051	-16	8.0	Mercury	Venus	Mars	Uranus	Neptune	
281/08/17 17:38:55	2.051	-17	8.0	Mars	Uranus	Mercury	Venus	Neptune	
281/08/17 18:16	2.044	-16	5.6	Mercury	Venus	Mars	Uranus		
281/08/18 00:26	1.972	-16	8.0	Mercury	Venus	Mars	Neptune		
281/08/18 04:43	1.924	-17	8.0	Mercury	Mars	Uranus	Neptune		
282/04/28 05:43	0.415	89	7.9	Uranus	Alpha LEO	Regulus	Neptune		
282/04/28 12:46	0.415	89	7.9	Uranus	Alpha LEO	Regulus	Neptune		
282/06/14 16:40	1.239	45	8.0	Venus	Alpha LEO	Regulus	Neptune		
282/06/14 19:49	1.569	45	5.5	Venus	Alpha LEO	Regulus	Uranus		
282/06/15 00:37	1.579	44	8.0	Venus	Alpha LEO	Regulus	Uranus	Neptune	
282/06/15 16:23	0.436	44	8.0	Venus	Uranus	Neptune			
283/08/06 19:25	1.372	-7	1.4	Mercury	Alpha LEO	Regulus	Jupiter		
300/09/20 07:38	0.907	-8	8.0	Mercury	Mars	Neptune			

302/09/05 12:58	2.127	8	8.0	Venus	Mars	Saturn	Neptune	
302/09/05 18:58	2.020	8	1.6	Mercury	Venus	Mars	Saturn	
302/09/06 05:50	2.123	8	8.0	Mercury	Venus	Saturn	Neptune	
302/09/06 06:30	2.210	8	8.0	Mercury	Venus	Mars	Saturn	Neptune
302/09/06 06:31:41	2.210	8	8.0	Mars	Saturn	Mercury	Venus	Neptune
302/09/06 08:07	0.935	9	8.0	Venus	Mars	Neptune		
302/09/06 12:31	2.315	8	8.0	Mercury	Mars	Saturn	Neptune	
302/09/06 22:05	1.201	8	8.0	Mercury	Venus	Mars	Neptune	
302/09/07 03:05	1.000	9	8.0	Mercury	Mars	Neptune		
302/09/09 07:22	2.692	8	1.6	Mercury	Venus	Mars	Moon	
307/07/04 10:33	1.637	24	1.4	Mercury	Alpha LEO	Regulus	Jupiter	
307/07/16 07:23	1.117	14	1.4	Venus	Alpha LEO	Regulus	Jupiter	
310/07/31 22:04	1.664	1	1.4	Mercury	Alpha LEO	Regulus	Venus	
330/07/29 17:41	1.398	1	1.7	Mars	Alpha LEO	Regulus	Mercury	
332/07/13 00:40	1.005	17	1.7	Mars	Alpha LEO	Regulus	Mercury	
350/07/27 17:35	1.383	2	1.4	Venus	Alpha LEO	Regulus	Mercury	
352/08/08 16:23	0.653	-65	5.7	Mars	Jupiter	Uranus		
353/11/21 06:13	0.876	13	1.1	Mercury	Venus	Mars		
365/07/12 01:22	1.551	16	5.6	Mercury	Alpha LEO	Regulus	Uranus	
366/06/20 00:44	1.692	40	5.5	Mars	Alpha LEO	Regulus	Uranus	
368/08/03 22:48	3.098	38	1.4	Venus	Mars	Jupiter	Moon	
387/07/11 08:53	1.137	19	1.4	Venus	Alpha LEO	Regulus	Saturn	
390/07/23 14:48	1.691	8	1.4	Mercury	Alpha LEO	Regulus	Jupiter	
400/12/31 22:53	2.144	1	5.9	Mars	Saturn	Uranus	Moon	
401/08/10 01:22	1.225	-9	1.4	Venus	Alpha LEO	Regulus	Mercury	
409/07/29 03:29	1.387	2	1.7	Mars	Alpha LEO	Regulus	Mercury	
411/04/30 19:06	0.547	1	6.2	Mercury	Venus	Jupiter		
411/07/10 05:00	1.527	19	1.7	Mars	Alpha LEO	Regulus	Venus	
411/07/13 12:42	1.094	18	1.7	Mars	Alpha LEO	Regulus	Mercury	
414/03/24 20:38	0.940	-26	5.9	Mercury	Venus	Uranus		

417/05/03 05:24	1.328	85	1.4	Saturn	Alpha LEO	Regulus	Mars
437/05/25 00:28	2.869	43	8.0	Venus	Jupiter	Neptune	Moon
437/09/02 06:22	0.817	-32	1.6	Jupiter	Alpha LEO	Regulus	Mars
438/06/11 14:51	0.976	-3	5.7	Mercury	Venus	Uranus	
443/07/08 09:55	1.157	22	1.7	Mars	Alpha LEO	Regulus	Venus
445/07/05 01:05	1.770	23	8.0	Mercury	Alpha LEO	Regulus	Neptune
445/11/24 06:33	1.706	-114	7.9	Saturn	Alpha LEO	Regulus	Neptune
446/07/03 09:03	1.984	27	8.0	Mercury	Alpha LEO	Regulus	Neptune
446/07/08 17:05	0.791	22	8.0	Saturn	Alpha LEO	Regulus	Neptune
446/07/23 08:59	1.092	8	8.0	Venus	Alpha LEO	Regulus	Neptune
446/08/18 13:09	1.952	-16	8.0	Mercury	Alpha LEO	Regulus	Neptune
447/05/28 07:40	1.410	62	7.9	Mars	Alpha LEO	Regulus	Neptune
448/11/03 15:03	1.688	-95	5.5	Uranus	Alpha LEO	Regulus	Mars
449/07/24 15:06	1.386	6	5.6	Mercury	Alpha LEO	Regulus	Uranus
449/08/06 19:49	0.781	-6	5.6	Uranus	Alpha LEO	Regulus	Venus
449/08/20 00:41	0.792	-18	5.6	Jupiter	Alpha LEO	Regulus	Uranus
452/08/30 12:30	0.946	-15	8.0	Mercury	Uranus	Neptune	
452/09/02 16:17	0.547	-18	8.0	Venus	Uranus	Neptune	
452/10/07 05:37	0.780	-50	8.0	Mars	Uranus	Neptune	
453/06/29 22:26	0.765	45	8.0	Venus	Uranus	Neptune	
458/09/20 09:34	0.964	-7	5.6	Mercury	Mars	Uranus	
461/08/03 15:34	1.366	-3	1.4	Jupiter	Alpha LEO	Regulus	Mercury
473/07/22 21:27	0.831	8	1.7	Mars	Alpha LEO	Regulus	Jupiter
475/07/06 15:14	1.689	24	1.7	Venus	Alpha LEO	Regulus	Mars
476/11/02 21:43	2.393	-1	-0.9	Mercury	Venus	Jupiter	Moon
477/06/14 00:13	0.995	45	1.5	Mars	Alpha LEO	Regulus	Venus
477/12/20 08:25	3.053	-12	5.8	Mars	Jupiter	Uranus	Moon
484/08/05 09:11	2.729	-22	1.6	Venus	Mars	Jupiter	Moon
485/07/03 09:59	1.124	27	1.4	Mercury	Alpha LEO	Regulus	Jupiter
488/07/28 13:22	1.374	2	1.7	Mars	Alpha LEO	Regulus	Mercury

490/07/13 00:59	1.211	18	1.7	Mars	Alpha LEO	Regulus	Mercury
491/03/27 06:47	0.605	-57	0.8	Mars	Jupiter	Saturn	
491/03/29 04:48	2.962	-56	5.9	Mars	Jupiter	Saturn	Uranus
491/04/18 06:52	2.813	-75	5.8	Jupiter	Saturn	Uranus	Moon
491/07/06 06:19	1.412	24	1.4	Mercury	Alpha LEO	Regulus	Venus
492/08/18 07:34	1.825	-17	1.4	Venus	Alpha LEO	Regulus	Mercury
520/01/06 15:17	2.396	-1	8.0	Mercury	Venus	Neptune	Moon
531/07/03 21:01	1.956	27	1.4	Mercury	Alpha LEO	Regulus	Venus
532/08/14 03:53	1.806	-14	1.4	Mercury	Alpha LEO	Regulus	Jupiter
532/08/16 15:33	1.287	-16	1.4	Jupiter	Alpha LEO	Regulus	Venus
532/08/13 03:18	2.802	-14	5.6	Mercury	Venus	Jupiter	Uranus
533/07/30 21:10	0.588	-13	1.7	Mercury	Mars	Saturn	
533/08/06 19:19	1.331	-6	5.6	Uranus	Alpha LEO	Regulus	Mercury
533/08/21 16:31	0.833	-20	5.6	Mars	Alpha LEO	Regulus	Uranus
540/04/08 01:39	0.868	-45	7.9	Venus	Mars	Neptune	
542/07/17 20:03	1.130	14	1.4	Venus	Alpha LEO	Regulus	Mercury
555/03/25 08:18	1.877	1	7.9	Mercury	Venus	Saturn	Neptune
564/07/03 17:29	1.914	27	1.4	Mercury	Alpha LEO	Regulus	Saturn
567/07/28 23:11	1.360	3	1.7	Mars	Alpha LEO	Regulus	Mercury
569/07/12 13:32	1.335	19	1.7	Mercury	Alpha LEO	Regulus	Mars
578/09/11 22:24	1.721	-40	1.5	Venus	Alpha LEO	Regulus	Mars
582/07/14 04:25	1.814	16	1.4	Mercury	Alpha LEO	Regulus	Venus
590/04/09 08:43	1.565	-9	5.9	Mercury	Venus	Uranus	Moon
590/06/08 01:49:22	4.888	3	8.0	Venus	Mercury	Jupiter	Saturn Neptune
590/06/08 19:03	2.629	7	8.0	Mercury	Venus	Saturn	Neptune
591/04/27 13:25	3.017	-20	5.9	Mercury	Mars	Uranus	Moon
593/04/14 06:00	0.770	-2	5.9	Mercury	Mars	Uranus	
593/07/29 02:12	1.483	2	1.4	Venus	Alpha LEO	Regulus	Saturn
593/07/31 00:08	1.452	1	1.4	Mercury	Alpha LEO	Regulus	Saturn
601/05/30 21:54	0.633	-13	5.8	Venus	Jupiter	Uranus	

604/08/30 06:23	2.154	-5	-1.4	Mercury	Venus	Jupiter	Moon
610/07/03 18:52	1.228	26	8.0	Mercury	Alpha LEO	Regulus	Neptune
610/08/20 08:37	0.498	-18	8.0	Mercury	Alpha LEO	Regulus	Neptune
610/09/10 09:09	1.202	-38	8.0	Mars	Alpha LEO	Regulus	Neptune
610/09/10 11:47	1.203	-38	1.6	Venus	Alpha LEO	Regulus	Mars
610/09/10 22:33	1.227	-38	8.0	Venus	Alpha LEO	Regulus	Mars Neptune
610/09/10 23:38	1.221	-38	8.0	Venus	Alpha LEO	Regulus	Neptune
610/09/11 13:21	0.987	-39	8.0	Venus	Mars	Neptune	
611/06/29 18:28	1.291	32	8.0	Venus	Alpha LEO	Regulus	Neptune
612/07/24 21:59	0.397	-16	5.6	Mercury	Venus	Uranus	
615/08/28 00:25	0.466	-25	1.4	Jupiter	Alpha LEO	Regulus	Venus
616/06/27 07:44	0.410	45	8.0	Venus	Jupiter	Neptune	
617/07/27 18:27	1.057	3	5.6	Venus	Alpha LEO	Regulus	Uranus
617/08/18 13:53	0.585	-16	5.6	Mercury	Alpha LEO	Regulus	Uranus
618/06/26 06:34	1.566	36	5.5	Mars	Alpha LEO	Regulus	Uranus
618/11/21 06:02	2.759	-20	-0.4	Mercury	Venus	Jupiter	Moon
622/07/04 01:59	0.887	17	0.5	Mercury	Venus	Saturn	
623/07/05 13:54	1.863	27	1.4	Mercury	Alpha LEO	Regulus	Saturn
623/09/19 21:39	0.694	-19	8.0	Venus	Uranus	Neptune	
624/05/26 20:36	0.558	91	7.9	Mars	Uranus	Neptune	
633/07/26 21:29	1.323	5	1.4	Venus	Alpha LEO	Regulus	Mercury
639/08/01 12:19	1.455	2	1.4	Mercury	Alpha LEO	Regulus	Jupiter
640/01/27 02:20	0.640	13	1.1	Venus	Mars	Saturn	
646/07/28 09:08	1.343	4	1.7	Mars	Alpha LEO	Regulus	Mercury
648/07/12 02:16	1.469	20	1.7	Mercury	Alpha LEO	Regulus	Mars
652/08/01 19:14	1.372	-1	1.4	Saturn	Alpha LEO	Regulus	Mercury
652/08/10 10:34	1.086	-8	1.4	Venus	Alpha LEO	Regulus	Saturn
654/09/19 22:49	1.955	38	1.2	Venus	Mars	Jupiter	Moon
661/12/21 13:25	0.395	-30	8.0	Venus	Saturn	Neptune	
662/06/22 20:00	2.978	14	-0.7	Mercury	Venus	Jupiter	Moon

665/03/20 08:20	2.963	-25	5.9	Mercury	Venus	Uranus	Moon
665/08/23 00:31	0.812	15	1.6	Mercury	Venus	Mars	
665/10/14 05:46	2.160	-2	3.9	Mercury	Mars	Jupiter	Moon
676/09/13 18:41	0.949	2	-1.1	Mercury	Venus	Jupiter	
676/09/13 19:25	0.935	2	-1.1	Mercury	Venus	Jupiter	Moon
682/06/16 15:30	0.927	44	1.5	Mars	Alpha LEO	Regulus	Saturn
684/08/09 07:17	1.558	-6	1.4	Venus	Alpha LEO	Regulus	Mercury
698/09/06 19:24	1.630	-33	1.4	Venus	Alpha LEO	Regulus	Jupiter
701/09/17 21:00	1.770	-44	5.5	Venus	Alpha LEO	Regulus	Uranus
702/02/14 14:21	0.827	1	8.0	Mercury	Mars	Neptune	
702/07/05 16:47	1.826	27	5.5	Mercury	Alpha LEO	Regulus	Uranus
704/01/31 03:50	0.502	19	8.0	Venus	Mars	Neptune	
705/03/07 16:41	0.807	-27	0.3	Mercury	Venus	Jupiter	
706/01/08 08:41	0.782	46	7.9	Venus	Jupiter	Neptune	
708/08/06 22:53	1.319	-5	1.7	Mars	Alpha LEO	Regulus	Venus
710/06/24 14:54	0.908	20	1.7	Venus	Mars	Saturn	
710/08/12 11:16	1.208	-10	1.4	Jupiter	Alpha LEO	Regulus	Mercury
711/08/04 14:22	1.384	-2	1.4	Mercury	Alpha LEO	Regulus	Saturn
724/08/05 04:09	1.366	-4	1.4	Venus	Alpha LEO	Regulus	Mercury
725/07/27 19:05	1.325	5	1.7	Mars	Alpha LEO	Regulus	Mercury
727/07/12 15:22	1.625	20	1.7	Mercury	Alpha LEO	Regulus	Mars
734/07/06 07:41	1.730	24	1.4	Venus	Alpha LEO	Regulus	Jupiter
734/07/09 04:43	1.163	22	1.4	Jupiter	Alpha LEO	Regulus	Mercury
735/08/21 06:11	0.679	-18	1.4	Mercury	Alpha LEO	Regulus	Venus
740/08/05 02:06	0.834	-3	1.7	Mars	Alpha LEO	Regulus	Venus
769/07/08 02:15	2.312	9	8.0	Venus	Jupiter	Saturn	Neptune
769/07/20 09:38	0.672	-0	8.0	Jupiter	Saturn	Neptune	
770/08/06 09:56	1.647	-3	1.4	Mercury	Alpha LEO	Regulus	Saturn
772/08/03 05:20	1.689	1	1.7	Venus	Alpha LEO	Regulus	Mars
775/08/18 19:42	0.783	-16	1.4	Venus	Alpha LEO	Regulus	Mercury

775/08/19 01:32	1.038	-15	8.0	Mercury	Alpha LEO	Regulus	Neptune
775/08/19 04:10	1.042	-15	8.0	Venus	Alpha LEO	Regulus	Mercury Neptune
775/08/19 10:15	1.051	-15	8.0	Venus	Alpha LEO	Regulus	Neptune
775/08/19 12:00	0.825	-15	8.0	Mercury	Venus	Neptune	
776/06/18 01:16	1.020	44	8.0	Venus	Alpha LEO	Regulus	Neptune
776/06/24 12:22	1.209	38	8.0	Mars	Alpha LEO	Regulus	Neptune
782/07/16 00:50	0.887	31	8.0	Venus	Jupiter	Neptune	
785/02/14 05:15	0.803	-26	0.8	Mercury	Venus	Saturn	
785/07/20 21:15	1.970	10	5.6	Mercury	Alpha LEO	Regulus	Uranus
785/08/27 12:34	0.794	-24	5.6	Mars	Alpha LEO	Regulus	Uranus
794/09/16 13:59	0.893	-2	8.0	Mercury	Uranus	Neptune	
794/10/05 23:39	0.841	-20	8.0	Venus	Uranus	Neptune	
794/11/21 13:11	2.791	-65	8.0	Jupiter	Uranus	Neptune	Moon
794/12/18 23:41	2.232	-92	7.9	Jupiter	Uranus	Neptune	Moon
795/01/15 08:18	1.907	-120	7.9	Jupiter	Uranus	Neptune	Moon
795/02/11 14:15	1.836	-148	7.9	Jupiter	Uranus	Neptune	Moon
795/03/10 17:46	2.917	-176	7.9	Jupiter	Uranus	Neptune	Moon
795/07/25 03:11	3.026	48	8.0	Mars	Jupiter	Neptune	Moon
795/07/25 03:16	2.954	48	8.0	Mars	Uranus	Neptune	Moon
795/07/25 03:46	3.016	48	5.5	Mars	Jupiter	Uranus	Moon
795/07/25 03:51	3.014	48	8.0	Mars	Jupiter	Uranus	Neptune Moon
795/07/29 12:34	1.402	47	8.0	Mars	Jupiter	Uranus	Neptune
795/07/30 04:33	2.560	46	8.0	Venus	Mars	Uranus	Neptune
795/07/30 08:57	2.593	46	8.0	Venus	Mars	Jupiter	Neptune
795/07/30 10:11	0.960	47	5.5	Mars	Jupiter	Uranus	
795/07/30 10:42	2.596	46	8.0	Venus	Mars	Jupiter	Uranus Neptune
795/07/30 10:44:22	2.595	46	8.0	Jupiter	Neptune	Venus	Mars Uranus
795/07/30 14:30	2.630	46	8.0	Venus	Jupiter	Uranus	Neptune
795/07/31 00:51	2.423	46	5.5	Venus	Mars	Jupiter	Uranus
802/08/13 08:09	1.895	-11	1.7	Mars	Alpha LEO	Regulus	Mercury

804/07/27 05:02	1.305	5	1.7	Mars	Alpha LEO	Regulus	Mercury
806/07/12 04:52	1.789	21	1.7	Mercury	Alpha LEO	Regulus	Mars
817/07/16 15:05	1.073	16	1.4	Jupiter	Alpha LEO	Regulus	Venus
825/07/17 02:09	1.484	16	1.4	Venus	Alpha LEO	Regulus	Mercury
828/10/06 17:54	2.353	-67	1.1	Mars	Jupiter	Saturn	Moon
842/12/25 04:07	2.601	2	8.0	Mercury	Venus	Mars	Neptune
858/08/28 18:39	0.813	-25	1.4	Saturn	Alpha LEO	Regulus	Venus
859/05/02 03:50	1.355	88	1.4	Saturn	Alpha LEO	Regulus	Mars
865/07/13 13:16	1.231	19	1.4	Mercury	Alpha LEO	Regulus	Venus
869/08/02 22:54	1.497	-2	5.6	Mercury	Alpha LEO	Regulus	Uranus
869/09/11 04:59	1.010	-37	5.5	Venus	Alpha LEO	Regulus	Uranus
870/06/29 17:32	1.310	32	1.6	Mars	Alpha LEO	Regulus	Venus
870/06/30 02:45	1.315	33	5.5	Venus	Alpha LEO	Regulus	Uranus
870/06/30 08:05	1.823	32	5.5	Mars	Alpha LEO	Regulus	Venus Uranus
870/07/02 06:23	1.200	31	5.5	Mars	Alpha LEO	Regulus	Uranus
872/01/27 11:50	0.835	30	7.9	Venus	Jupiter	Neptune	
878/03/08 21:03	0.924	5	7.9	Venus	Saturn	Neptune	
881/08/12 19:17	1.782	-10	1.7	Mars	Alpha LEO	Regulus	Mercury
883/07/27 15:06	1.283	6	1.7	Mars	Alpha LEO	Regulus	Mercury
885/07/11 18:30	1.961	22	1.7	Mercury	Alpha LEO	Regulus	Mars
888/08/09 10:47	1.352	-6	1.4	Mercury	Alpha LEO	Regulus	Jupiter
898/09/18 22:26	0.779	-16	1.7	Mercury	Venus	Mars	
900/07/15 18:36	1.255	16	1.7	Jupiter	Alpha LEO	Regulus	Mars
900/07/27 05:29	1.354	7	1.4	Venus	Alpha LEO	Regulus	Jupiter
902/06/28 02:46	1.227	35	1.6	Venus	Alpha LEO	Regulus	Mars
905/01/28 12:35	0.895	-22	5.9	Mercury	Venus	Uranus	
912/07/07 11:13	0.685	25	1.4	Jupiter	Alpha LEO	Regulus	Mercury
916/07/26 01:33	1.257	8	1.4	Mercury	Alpha LEO	Regulus	Venus
917/09/09 05:16	1.992	-34	1.4	Venus	Alpha LEO	Regulus	Saturn
922/08/21 11:39	2.005	-54	7.9	Mars	Jupiter	Neptune	Moon

936/05/31 15:50	0.889	61	1.4	Mars	Alpha LEO	Regulus	Jupiter
939/08/21 16:52	0.406	-18	8.0	Mercury	Alpha LEO	Regulus	Neptune
939/10/09 01:09	1.166	-64	7.9	Mars	Alpha LEO	Regulus	Neptune
940/07/24 19:58	1.043	9	8.0	Venus	Alpha LEO	Regulus	Neptune
940/08/14 20:55	1.483	-10	8.0	Mercury	Alpha LEO	Regulus	Neptune
945/06/07 00:24	0.891	15	5.6	Venus	Mars	Uranus	
948/08/06 18:59	2.375	12	8.0	Venus	Jupiter	Saturn	Neptune
948/08/11 22:22	1.951	8	8.0	Mercury	Jupiter	Saturn	Neptune
948/08/12 06:03	0.468	9	8.0	Mercury	Jupiter	Neptune	
951/11/03 10:25	2.711	16	-0.5	Mercury	Venus	Jupiter	Moon
953/08/15 19:25	1.136	-12	5.6	Mercury	Alpha LEO	Regulus	Uranus
959/08/20 06:19	1.234	-16	1.4	Mercury	Alpha LEO	Regulus	Jupiter
960/08/12 06:07	1.684	-9	1.7	Mars	Alpha LEO	Regulus	Mercury
960/10/05 23:17	0.987	-29	5.5	Mars	Jupiter	Uranus	
960/10/17 16:37	0.866	-39	5.5	Venus	Jupiter	Uranus	
962/07/27 01:13	1.259	7	1.7	Mars	Alpha LEO	Regulus	Mercury
962/09/30 21:32	2.212	-8	8.0	Mercury	Venus	Neptune	Moon
966/01/31 11:16	0.974	2	-1.4	Mercury	Venus	Jupiter	
966/09/19 03:10	2.670	12	8.0	Mercury	Mars	Uranus	Neptune
978/08/22 17:43	1.770	-17	1.4	Mercury	Alpha LEO	Regulus	Venus
981/10/27 02:19	0.926	-19	0.8	Mercury	Venus	Saturn	
981/10/28 21:08	2.738	-19	0.8	Mercury	Venus	Saturn	Moon
985/01/10 13:45	0.617	-20	5.8	Mercury	Venus	Uranus	
988/01/19 10:58	1.353	-34	0.9	Venus	Jupiter	Saturn	Moon
988/01/20 07:26	0.824	-35	0.9	Venus	Jupiter	Saturn	
990/03/30 18:25	2.568	19	1.4	Mercury	Venus	Mars	Moon

2ND MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 2nd millennium CE.

DATE	TT	D	e	MAG	OBJECTS			
		MAX	MIN					
1005/09/01 11:55	0.623	-31	1.6	Venus	Mars	Saturn		
1005/09/04 03:12	1.714	-31	1.6	Venus	Alpha LEO Regulus	Mars		
1006/06/23 10:11	1.217	40	1.4	Saturn	Alpha LEO Regulus	Venus		
1007/08/05 07:59	1.350	-2	1.4	Venus	Alpha LEO Regulus	Mercury		
1018/10/07 03:35	1.031	-63	1.4	Jupiter	Alpha LEO Regulus	Mars		
1020/05/17 04:59	0.677	-3	5.8	Venus	Mars	Uranus		
1033/02/25 21:34	0.521	-5	8.0	Venus	Mars	Neptune		
1035/07/21 19:03	1.990	11	1.4	Mercury	Alpha LEO Regulus	Saturn		
1037/09/02 10:12	0.789	-29	1.6	Venus	Alpha LEO Regulus	Mars		
1037/09/02 12:03	0.352	-29	5.6	Venus	Alpha LEO Regulus	Uranus		
1037/09/02 12:22	0.791	-29	5.6	Venus	Alpha LEO Regulus	Mars	Uranus	
1037/09/02 13:41	0.794	-29	5.6	Mars	Alpha LEO Regulus	Uranus		
1037/09/02 14:42	0.557	-29	5.6	Venus	Mars	Uranus		
1038/02/18 06:26	1.543	12	7.9	Mercury	Venus	Jupiter	Neptune	
1038/06/22 07:02	1.209	41	5.5	Venus	Alpha LEO Regulus	Uranus		
1039/08/12 16:43	1.593	-8	1.7	Mars	Alpha LEO Regulus	Mercury		
1041/07/26 11:26	1.233	8	1.7	Mars	Alpha LEO Regulus	Mercury		
1045/11/10 18:42	1.700	-10	1.0	Mercury	Venus	Jupiter	Moon	
1054/08/22 13:40	1.630	-16	1.7	Mars	Alpha LEO Regulus	Jupiter		
1058/08/18 06:50	0.999	-13	1.4	Mercury	Alpha LEO Regulus	Venus		
1064/09/13 20:22	0.917	-40	1.4	Saturn	Alpha LEO Regulus	Venus		
1064/12/23 08:07	0.493	-18	5.8	Mercury	Venus	Uranus		

1066/08/07 05:24	1.616	-1	1.4	Mercury	Alpha LEO	Regulus	Jupiter
1069/08/31 16:31	1.669	-25	1.7	Mars	Alpha LEO	Regulus	Venus
1085/03/23 11:04	0.757	-26	5.9	Mercury	Jupiter	Uranus	
1090/07/07 15:27	1.981	27	1.4	Mercury	Alpha LEO	Regulus	Jupiter
1094/07/23 17:25	1.140	11	1.4	Saturn	Alpha LEO	Regulus	Mercury
1098/08/14 12:35	1.492	-10	1.4	Venus	Alpha LEO	Regulus	Mercury
1102/06/20 13:33	1.750	44	1.4	Venus	Alpha LEO	Regulus	Jupiter
1104/08/18 09:27	0.964	-14	8.0	Neptune	Alpha LEO	Regulus	Mercury
1104/09/12 14:55	0.931	-38	8.0	Venus	Alpha LEO	Regulus	Neptune
1105/07/01 07:50	1.213	33	8.0	Venus	Alpha LEO	Regulus	Neptune
1105/07/19 16:40	1.085	16	8.0	Mars	Alpha LEO	Regulus	Neptune
1105/08/11 03:55	1.909	-5	8.0	Mercury	Alpha LEO	Regulus	Neptune
1108/07/21 04:50	0.779	21	8.0	Mercury	Venus	Neptune	
1114/08/31 15:09	2.313	-5	8.0	Venus	Jupiter	Neptune	Moon
1118/08/12 03:12	1.501	-8	1.7	Mars	Alpha LEO	Regulus	Mercury
1120/07/25 21:44	1.205	9	1.7	Mars	Alpha LEO	Regulus	Mercury
1122/07/08 08:44	1.101	27	5.6	Mars	Alpha LEO	Regulus	Uranus
1122/07/11 19:56	1.296	24	5.6	Mercury	Alpha LEO	Regulus	Uranus
1123/08/22 18:35	1.917	-18	1.4	Mercury	Alpha LEO	Regulus	Saturn
1125/08/28 05:18	1.526	-24	1.4	Venus	Alpha LEO	Regulus	Jupiter
1137/08/17 19:53	1.045	-13	1.4	Jupiter	Alpha LEO	Regulus	Mercury
1140/11/03 23:35	0.855	-3	5.7	Mercury	Jupiter	Uranus	
1144/12/04 18:58	0.755	-16	5.7	Mercury	Venus	Uranus	
1148/07/12 23:03	1.122	21	1.4	Mercury	Alpha LEO	Regulus	Venus
1153/07/25 16:04	1.616	10	1.4	Mercury	Alpha LEO	Regulus	Saturn
1154/12/08 10:10	3.025	21	5.8	Venus	Jupiter	Uranus	Moon
1161/07/14 01:38	1.406	19	1.4	Mercury	Alpha LEO	Regulus	Jupiter
1167/07/27 12:24	1.888	7	1.7	Mars	Alpha LEO	Regulus	Venus
1182/08/23 14:54	1.238	-18	1.4	Saturn	Alpha LEO	Regulus	Mercury
1183/05/07 03:41	0.900	-13	5.8	Mercury	Venus	Uranus	

1184/08/21 19:45	0.927	5	1.7	Mercury	Mars	Saturn
1184/11/03 10:23	2.466	-19	1.5	Mercury	Venus	Mars Moon
1188/07/10 02:38	1.466	24	1.4	Mercury	Alpha LEO Regulus	Venus
1197/08/11 13:30	1.416	-7	1.7	Mars	Alpha LEO Regulus	Mercury
1199/07/25 15:55	0.995	10	1.7	Mars	Alpha LEO Regulus	Venus
1199/07/25 19:14	1.172	9	1.7	Mercury	Venus	Mars Moon
1199/07/26 04:57	1.205	10	1.7	Mars	Alpha LEO Regulus	Mercury Venus
1199/07/26 05:54	1.233	10	1.4	Mercury	Alpha LEO Regulus	Venus
1199/07/26 08:07	0.892	10	1.7	Mercury	Venus	Mars
1199/07/26 08:08	1.176	10	1.7	Mars	Alpha LEO Regulus	Mercury
1205/08/23 22:39	0.755	-19	5.6	Venus	Alpha LEO Regulus	Uranus
1206/06/18 17:50	0.689	45	5.5	Uranus	Alpha LEO Regulus	Venus
1206/07/23 03:18	1.758	14	5.6	Mercury	Alpha LEO Regulus	Uranus
1208/09/07 01:22	0.567	-33	1.4	Jupiter	Alpha LEO Regulus	Venus
1212/07/09 12:56	1.170	26	1.4	Venus	Alpha LEO Regulus	Saturn
1218/09/24 21:55	0.588	9	5.6	Venus	Mars	Uranus
1223/05/01 09:17	2.760	-10	7.9	Mercury	Venus	Neptune Moon
1224/11/15 21:15	0.968	-14	5.7	Mercury	Venus	Uranus
1231/07/23 19:32	1.124	12	1.7	Venus	Alpha LEO Regulus	Mars
1239/07/22 08:22	1.664	13	1.4	Venus	Alpha LEO Regulus	Mercury
1241/08/23 22:09	1.835	-17	1.4	Saturn	Alpha LEO Regulus	Mercury
1241/08/23 23:33	1.817	-17	1.4	Mercury	Alpha LEO Regulus	Saturn
1249/02/01 18:06	0.861	6	5.9	Mercury	Venus	Uranus
1259/02/04 15:20	0.897	41	5.9	Venus	Mars	Uranus
1261/09/05 17:09	0.745	-11	1.7	Mercury	Venus	Mars
1267/10/27 01:26	1.882	-82	7.9	Jupiter	Alpha LEO Regulus	Neptune
1268/08/21 11:07	1.397	-17	8.0	Mercury	Alpha LEO Regulus	Neptune
1269/08/14 22:41	1.244	-9	8.0	Mercury	Alpha LEO Regulus	Neptune
1269/08/20 20:45	0.748	-14	8.0	Venus	Alpha LEO Regulus	Neptune
1270/06/22 22:23	0.755	42	8.0	Venus	Alpha LEO Regulus	Neptune

1270/10/15 14:42	1.231	-69	1.4	Mars	Alpha LEO	Regulus	Saturn
1271/07/24 14:32	0.868	15	8.0	Venus	Saturn	Neptune	
1271/07/31 18:45	0.955	9	8.0	Mercury	Saturn	Neptune	
1276/05/16 13:08	2.143	14	5.7	Mercury	Venus	Uranus	Moon
1276/08/10 23:43	1.338	-6	1.7	Mars	Alpha LEO	Regulus	Mercury
1278/07/25 18:34	1.145	11	1.7	Mars	Alpha LEO	Regulus	Mercury
1280/09/23 08:44	2.232	-23	8.0	Venus	Jupiter	Neptune	Moon
1284/12/09 11:58	2.739	9	1.1	Mercury	Mars	Jupiter	Moon
1285/12/31 23:50	0.851	20	0.8	Venus	Jupiter	Saturn	
1289/08/12 06:53	1.685	-8	5.6	Mercury	Alpha LEO	Regulus	Uranus
1289/09/08 13:58	0.804	-33	5.5	Uranus	Alpha LEO	Regulus	Mars
1290/08/04 11:36	1.324	2	1.4	Venus	Alpha LEO	Regulus	Mercury
1291/09/16 20:59	0.596	-40	1.4	Venus	Alpha LEO	Regulus	Jupiter
1292/07/13 14:34	0.998	32	5.5	Venus	Jupiter	Uranus	
1293/09/30 13:39	1.701	-2	8.0	Mercury	Venus	Jupiter	Neptune
1297/06/22 16:47	1.207	41	1.6	Mars	Alpha LEO	Regulus	Venus
1297/08/21 06:03	2.916	19	5.6	Mercury	Mars	Uranus	Moon
1301/08/29 16:20	0.995	-9	0.6	Mercury	Venus	Saturn	
1306/12/03 16:53	2.397	-37	8.0	Saturn	Uranus	Neptune	Moon
1306/12/31 05:11	1.932	-65	8.0	Saturn	Uranus	Neptune	Moon
1307/01/09 02:09	2.042	-74	8.0	Mars	Saturn	Uranus	Neptune
1307/01/27 14:48	2.297	-92	7.9	Saturn	Uranus	Neptune	Moon
1307/02/23 21:10	2.488	-119	7.9	Saturn	Uranus	Neptune	Moon
1307/03/23 01:26	2.368	-147	7.9	Saturn	Uranus	Neptune	Moon
1307/04/19 05:34	2.179	-174	7.9	Saturn	Uranus	Neptune	Moon
1307/05/16 10:54	2.511	156	7.9	Saturn	Uranus	Neptune	Moon
1307/08/06 10:26	2.592	77	8.0	Saturn	Uranus	Neptune	Moon
1307/09/02 19:03	2.059	52	8.0	Saturn	Uranus	Neptune	Moon
1307/09/30 04:02	2.358	27	8.0	Saturn	Uranus	Neptune	Moon
1307/11/23 22:05	2.353	-25	8.0	Venus	Uranus	Neptune	Moon

1315/08/15 21:59	1.228	-9	1.4	Mercury	Alpha LEO	Regulus	Jupiter
1329/06/21 12:47	1.242	43	1.5	Venus	Alpha LEO	Regulus	Mars
1330/02/26 05:03	0.741	-28	5.9	Mercury	Mars	Uranus	
1334/02/02 17:07	0.276	9	5.9	Mars	Jupiter	Uranus	
1339/07/12 19:30	0.521	23	1.4	Jupiter	Alpha LEO	Regulus	Mercury
1341/08/17 16:08	1.896	-10	1.4	Mercury	Alpha LEO	Regulus	Venus
1342/12/25 18:38	2.220	-33	1.3	Venus	Mars	Jupiter	Moon
1351/04/26 07:18	2.925	0	5.8	Venus	Mars	Uranus	Moon
1355/08/11 09:48	1.328	-5	1.7	Mars	Alpha LEO	Regulus	Mercury
1357/07/25 05:10	1.111	11	1.7	Mars	Alpha LEO	Regulus	Mercury
1362/03/23 00:55	2.828	-27	7.9	Mercury	Venus	Mars	Neptune
1369/01/09 22:35	2.925	10	-1.2	Mercury	Venus	Jupiter	Moon
1373/08/13 23:55	1.783	-9	5.6	Venus	Alpha LEO	Regulus	Uranus
1373/08/23 11:13	1.213	-17	5.6	Mercury	Alpha LEO	Regulus	Uranus
1374/06/08 09:31	0.840	34	1.6	Venus	Mars	Jupiter	
1374/07/14 05:54	0.806	22	5.6	Mars	Alpha LEO	Regulus	Uranus
1374/09/22 20:15	1.623	-46	1.4	Venus	Alpha LEO	Regulus	Jupiter
1381/08/13 17:53	1.273	-8	1.4	Venus	Alpha LEO	Regulus	Mercury
1386/08/24 05:41	1.902	-18	1.4	Mercury	Alpha LEO	Regulus	Jupiter
1394/03/25 00:21	0.346	-26	1.0	Mercury	Venus	Mars	
1410/07/28 04:37	1.151	8	1.4	Jupiter	Alpha LEO	Regulus	Venus
1415/06/08 07:35	2.847	13	8.0	Mercury	Saturn	Neptune	Moon
1415/06/08 08:10	2.180	14	8.0	Venus	Saturn	Neptune	Moon
1418/07/11 23:41	1.953	23	1.4	Mercury	Alpha LEO	Regulus	Saturn
1418/07/28 02:57	0.983	9	1.4	Venus	Alpha LEO	Regulus	Saturn
1424/04/26 16:18	0.775	-45	5.9	Venus	Mars	Uranus	
1430/09/21 12:05	1.846	-44	1.5	Venus	Alpha LEO	Regulus	Mars
1431/07/13 09:49	1.706	23	1.4	Venus	Alpha LEO	Regulus	Mercury
1432/08/24 04:07	2.949	-20	8.0	Venus	Mars	Neptune	Moon
1432/08/24 06:22	2.839	-18	8.0	Mercury	Venus	Neptune	Moon

1432/08/25 10:13	1.869	-18	1.4	Venus	Alpha LEO Regulus	Mercury	
1433/08/18 13:54	1.192	-12	8.0	Mercury	Alpha LEO Regulus	Neptune	
1433/11/30 05:14	1.927	-114	7.9	Jupiter	Alpha LEO Regulus	Neptune	
1434/06/30 09:06	0.643	35	8.0	Neptune	Alpha LEO Regulus	Jupiter	
1434/07/27 05:44	0.997	10	8.0	Venus	Alpha LEO Regulus	Neptune	
1434/08/10 19:49	1.331	-5	1.7	Mars	Alpha LEO Regulus	Mercury	
1434/08/11 02:54	1.719	-4	8.0	Mars	Alpha LEO Regulus	Mercury	Neptune
1434/08/11 03:11	1.377	-4	8.0	Mercury	Alpha LEO Regulus	Neptune	
1434/08/12 23:07	0.908	-5	8.0	Mars	Alpha LEO Regulus	Neptune	
1436/07/24 15:58	1.076	12	1.7	Mars	Alpha LEO Regulus	Mercury	
1443/07/23 23:14	2.386	-41	1.3	Venus	Mars	Saturn	Moon
1447/09/08 02:43	0.793	-31	1.6	Saturn	Alpha LEO Regulus	Mars	
1457/09/23 16:48	0.450	-47	5.5	Jupiter	Alpha LEO Regulus	Uranus	
1458/03/01 04:32	1.362	152	5.3	Jupiter	Alpha LEO Regulus	Uranus	
1458/03/01 09:07	1.361	152	5.3	Uranus	Alpha LEO Regulus	Jupiter	
1458/07/10 05:33	0.959	27	5.6	Mercury	Alpha LEO Regulus	Uranus	
1458/07/26 06:11	1.368	12	5.6	Venus	Alpha LEO Regulus	Uranus	
1464/08/24 08:32	1.626	-17	1.7	Mars	Alpha LEO Regulus	Venus	
1471/07/10 17:26	1.663	26	1.4	Mercury	Alpha LEO Regulus	Venus	
1477/07/13 10:35	1.232	22	1.4	Mercury	Alpha LEO Regulus	Saturn	
1481/08/15 03:46	1.237	-8	1.7	Jupiter	Alpha LEO Regulus	Mars	
1482/07/25 10:38	1.651	12	1.4	Mercury	Alpha LEO Regulus	Venus	
1486/01/12 23:29	0.800	-31	5.8	Mars	Jupiter	Uranus	
1486/12/22 18:12	0.607	-23	8.0	Venus	Saturn	Neptune	
1489/12/22 16:58	2.501	5	5.8	Mars	Saturn	Uranus	Moon
1493/08/07 21:17	0.890	-1	1.4	Jupiter	Alpha LEO Regulus	Venus	
1493/08/12 20:38	1.640	-4	1.4	Mercury	Alpha LEO Regulus	Jupiter	
1496/08/22 12:38	0.736	-16	1.7	Mars	Alpha LEO Regulus	Venus	
1509/06/21 03:55	0.832	-13	1.5	Mercury	Venus	Mars	
1511/01/30 22:17	1.942	-11	8.0	Mercury	Venus	Jupiter	Neptune

1513/08/10 05:43	1.331	-4	1.7	Mars	Alpha LEO Regulus	Mercury
1515/07/25 02:49	1.038	13	1.7	Mars	Alpha LEO Regulus	Mercury
1517/07/04 19:39	0.686	32	1.6	Jupiter	Alpha LEO Regulus	Mars
1517/07/11 06:57	1.422	26	1.4	Mercury	Alpha LEO Regulus	Jupiter
1522/07/21 15:07	1.191	15	1.4	Venus	Alpha LEO Regulus	Mercury
1524/01/09 05:20	2.669	36	7.9	Jupiter	Saturn	Neptune Moon
1524/02/08 07:56:30	4.677	9	8.0	Mars	Neptune Venus	Jupiter Saturn
1524/02/03 15:18	2.799	14	8.0	Mars	Jupiter Saturn	Neptune
1524/02/05 18:23	2.931	11	8.0	Mars	Saturn	Neptune Moon
1524/02/05 20:49	2.832	14	1.1	Mars	Jupiter Saturn	Moon
1526/05/21 17:58	0.761	3	5.7	Venus	Mars	Uranus
1528/08/20 16:29	1.443	-12	1.7	Venus	Alpha LEO Regulus	Mars
1536/07/14 22:14	0.896	22	1.4	Saturn	Alpha LEO Regulus	Mercury
1541/09/14 18:37	0.829	-38	5.5	Uranus	Alpha LEO Regulus	Mars
1542/07/19 19:24	0.892	18	5.6	Mercury	Alpha LEO Regulus	Uranus
1562/07/11 19:04	0.395	16	1.7	Mercury	Venus	Mars
1564/08/22 23:18	0.771	-16	1.4	Jupiter	Alpha LEO Regulus	Mercury
1565/08/15 07:56	1.718	-9	1.4	Mercury	Alpha LEO Regulus	Saturn
1566/12/03 20:44	0.882	-4	5.7	Mercury	Mars	Uranus
1568/11/23 02:52	0.913	13	5.8	Venus	Mars	Uranus
1568/11/23 05:36	2.027	13	5.8	Mercury	Venus	Mars Uranus
1573/08/03 15:11	1.290	4	1.4	Venus	Alpha LEO Regulus	Mercury
1580/03/18 04:34	0.549	-53	5.9	Mars	Saturn	Uranus
1583/02/27 13:14	0.956	-3	-1.3	Mercury	Venus	Jupiter
1586/04/22 11:17	2.197	-7	1.2	Mercury	Venus	Mars Saturn
1588/07/29 07:15	1.089	17	1.4	Jupiter	Alpha LEO Regulus	Mercury
1590/01/25 19:21	0.098	43	5.9	Venus	Mars	Uranus
1592/08/19 15:37	1.328	-3	1.7	Mars	Alpha LEO Regulus	Mercury
1594/07/18 15:27	2.707	17	8.0	Venus	Mars	Saturn Neptune
1594/08/03 13:55	0.998	14	1.7	Mars	Alpha LEO Regulus	Mercury

1595/07/27 10:51	1.169	21	1.4	Mercury	Alpha LEO	Regulus	Saturn
1598/08/24 22:54	1.304	-8	8.0	Mercury	Alpha LEO	Regulus	Neptune
1598/09/25 03:53	0.441	-37	8.0	Venus	Alpha LEO	Regulus	Neptune
1599/07/13 19:32	1.140	34	8.0	Neptune	Alpha LEO	Regulus	Venus
1599/08/17 04:54	1.428	2	8.0	Mercury	Alpha LEO	Regulus	Neptune
1600/05/29 04:59	1.083	77	7.9	Mars	Alpha LEO	Regulus	Neptune
1603/12/02 11:08	2.355	-3	0.9	Venus	Jupiter	Saturn	Moon
1612/07/01 18:22	0.928	45	1.4	Jupiter	Alpha LEO	Regulus	Venus
1624/08/24 20:45	1.273	-8	1.4	Venus	Alpha LEO	Regulus	Saturn
1624/08/27 01:37	1.244	-10	1.4	Mercury	Alpha LEO	Regulus	Saturn
1625/10/03 19:13	1.357	-46	5.5	Venus	Alpha LEO	Regulus	Uranus
1626/07/26 12:09	1.110	22	5.6	Venus	Alpha LEO	Regulus	Uranus
1626/07/30 07:23	0.849	18	5.6	Mars	Alpha LEO	Regulus	Uranus
1626/08/11 07:00	1.563	7	5.6	Mercury	Alpha LEO	Regulus	Uranus
1627/10/29 23:03	0.481	-9	8.0	Mercury	Venus	Neptune	
1638/12/02 04:29	0.940	-19	8.0	Venus	Jupiter	Neptune	
1648/11/15 23:57	2.765	14	5.7	Mercury	Venus	Uranus	Moon
1649/12/04 01:51	3.098	1	8.0	Mercury	Uranus	Neptune	Moon
1653/07/30 19:21	0.968	7	0.5	Mercury	Venus	Saturn	
1654/07/29 00:49	1.837	20	1.4	Mercury	Alpha LEO	Regulus	Saturn
1655/03/16 15:17	0.857	8	-1.6	Mercury	Venus	Jupiter	
1658/07/24 12:54	1.087	23	1.7	Mars	Alpha LEO	Regulus	Venus
1664/08/22 22:28	1.297	-5	1.4	Venus	Alpha LEO	Regulus	Mercury
1666/11/29 07:42	3.060	40	8.0	Mars	Saturn	Neptune	Moon
1671/02/10 20:18	3.031	16	5.9	Mercury	Saturn	Uranus	Moon
1671/08/20 01:27	1.324	-3	1.7	Mars	Alpha LEO	Regulus	Mercury
1673/08/03 01:07	0.957	14	1.7	Mars	Alpha LEO	Regulus	Mercury
1675/09/07 05:27	1.906	-18	1.4	Venus	Alpha LEO	Regulus	Mercury
1683/08/29 19:07	1.148	-11	1.4	Mercury	Alpha LEO	Regulus	Saturn
1683/09/07 02:25	1.416	-18	1.4	Venus	Alpha LEO	Regulus	Saturn

1690/07/22 18:27	1.096	25	1.7	Mars	Alpha LEO	Regulus	Venus
1692/07/01 08:17	0.710	45	1.5	Mars	Alpha LEO	Regulus	Venus
1694/12/17 07:30	2.414	8	1.2	Mercury	Mars	Saturn	Moon
1695/07/09 14:16	1.159	39	1.4	Venus	Alpha LEO	Regulus	Jupiter
1701/07/05 01:48	0.639	3	5.6	Venus	Mars	Uranus	
1709/09/01 06:21	1.778	-14	5.6	Mercury	Alpha LEO	Regulus	Uranus
1710/12/18 01:15	0.977	-10	-0.7	Mercury	Venus	Jupiter	
1712/10/26 00:40	1.117	-66	1.4	Mars	Alpha LEO	Regulus	Saturn
1715/09/05 23:52	0.672	-17	1.4	Mercury	Alpha LEO	Regulus	Venus
1718/09/19 12:56	1.675	-31	1.4	Venus	Alpha LEO	Regulus	Jupiter
1723/01/05 11:07	2.818	-21	1.3	Mars	Jupiter	Saturn	Moon
1725/03/17 04:12	1.209	-24	1.0	Mercury	Venus	Mars	Jupiter
1742/08/26 11:47	0.891	-6	1.4	Jupiter	Alpha LEO	Regulus	Saturn
1742/09/01 12:35	1.386	-12	1.4	Mercury	Alpha LEO	Regulus	Saturn
1742/09/01 12:39	1.314	-11	1.4	Mercury	Alpha LEO	Regulus	Jupiter
1742/09/01 15:06	1.397	-11	1.4	Mercury	Alpha LEO	Regulus	Jupiter Saturn
1742/09/01 22:26	0.776	-12	0.6	Mercury	Jupiter	Saturn	
1750/08/20 11:14	1.318	-2	1.7	Mars	Alpha LEO	Regulus	Mercury
1752/08/03 12:25	1.023	15	1.7	Mercury	Alpha LEO	Regulus	Mars
1755/09/02 20:36	1.227	-13	1.4	Venus	Alpha LEO	Regulus	Mercury
1755/04/19 05:36	0.824	-45	5.9	Venus	Mars	Uranus	
1762/02/26 15:56	3.064	29	5.9	Jupiter	Saturn	Uranus	Moon
1763/08/22 01:30	1.321	-2	8.0	Mercury	Alpha LEO	Regulus	Neptune
1763/09/03 05:15	0.712	-14	8.0	Venus	Alpha LEO	Regulus	Neptune
1763/09/17 10:47	0.817	-27	8.0	Mars	Alpha LEO	Regulus	Neptune
1764/07/08 12:25	1.500	40	8.0	Venus	Alpha LEO	Regulus	Neptune
1764/08/13 06:48	1.481	7	8.0	Mercury	Alpha LEO	Regulus	Neptune
1766/07/28 20:11	0.583	21	1.4	Mercury	Alpha LEO	Regulus	Jupiter
1769/12/26 00:28	2.258	-22	1.4	Venus	Mars	Jupiter	Moon
1773/09/27 07:10	0.773	-16	8.0	Mercury	Saturn	Neptune	

1778/07/19 16:02	1.896	31	1.4	Venus	Alpha LEO Regulus	Jupiter
1782/10/20 10:09	0.978	-19	8.0	Venus	Mars	Neptune
1793/09/29 02:09	0.408	-40	5.5	Uranus	Alpha LEO Regulus	Venus
1793/10/02 03:54	0.858	-43	5.5	Uranus	Alpha LEO Regulus	Mars
1794/07/18 04:50	1.117	31	5.5	Uranus	Alpha LEO Regulus	Venus
1797/05/27 23:06	2.584	21	1.6	Mercury	Mars	Saturn Moon
1801/09/29 15:53	0.725	-39	1.4	Jupiter	Alpha LEO Regulus	Venus
1802/07/26 15:46	0.976	33	0.6	Venus	Jupiter	Saturn
1805/08/01 22:37	1.045	18	1.4	Venus	Alpha LEO Regulus	Mercury
1825/09/28 19:12	0.830	-38	1.6	Venus	Alpha LEO Regulus	Mars
1829/08/20 21:05	1.309	-1	1.7	Mars	Alpha LEO Regulus	Mercury
1831/07/06 21:43	1.726	44	1.4	Venus	Alpha LEO Regulus	Saturn
1831/08/04 23:58	1.132	16	1.7	Mercury	Alpha LEO Regulus	Mars
1837/08/08 15:51	1.690	10	1.4	Mercury	Alpha LEO Regulus	Jupiter
1842/01/10 11:13	2.783	-13	0.9	Venus	Jupiter	Saturn Moon
1845/02/22 05:25	0.862	-21	0.9	Mercury	Venus	Saturn
1845/07/29 15:50	1.892	20	1.4	Venus	Alpha LEO Regulus	Mercury
1848/04/06 23:48	0.694	-27	0.7	Mercury	Venus	Saturn
1855/02/08 02:31	0.482	13	1.0	Mercury	Venus	Mars
1856/08/14 18:51	1.516	6	1.4	Venus	Alpha LEO Regulus	Mercury
1857/09/27 06:03	1.768	-35	1.6	Venus	Alpha LEO Regulus	Mars
1859/08/21 06:15	0.506	-10	1.7	Venus	Mars	Saturn
1861/09/02 19:29	0.810	-2	1.7	Mercury	Mars	Jupiter
1872/06/18 06:10	0.809	-8	1.4	Mercury	Venus	Mars
1878/07/28 23:56	0.294	23	5.5	Mercury	Alpha LEO Regulus	Uranus
1878/08/07 05:40	0.748	14	5.5	Mars	Alpha LEO Regulus	Uranus
1880/04/15 22:31	0.894	-23	0.6	Mercury	Venus	Jupiter
1884/10/06 11:54	1.213	-45	1.4	Venus	Alpha LEO Regulus	Jupiter
1889/09/20 11:57	0.776	-29	1.6	Saturn	Alpha LEO Regulus	Mars
1889/09/25 21:48	0.914	-34	1.4	Venus	Alpha LEO Regulus	Saturn

1894/11/12 16:35	0.507	-4	5.6	Mercury	Venus	Uranus
1896/08/10 17:00	1.402	9	1.4	Mercury	Alpha LEO Regulus	Venus
1906/02/22 22:23	0.505	2	0.8	Mercury	Venus	Saturn
1906/02/23 11:39	0.947	2	0.8	Mercury	Venus	Saturn Moon
1908/08/21 06:50	1.298	1	1.7	Mars	Alpha LEO Regulus	Mercury
1910/08/05 11:42	1.246	17	1.7	Mercury	Alpha LEO Regulus	Mars
1921/01/09 14:24	0.617	44	5.9	Venus	Mars	Uranus
1925/01/22 22:55	3.065	-22	-0.1	Mercury	Venus	Jupiter Moon
1925/07/11 05:00	0.357	21	1.7	Mercury	Venus	Mars
1927/08/27 21:48	1.838	-6	8.0	Mercury	Alpha LEO Regulus	Neptune
1928/08/10 13:28	0.998	11	8.0	Venus	Alpha LEO Regulus	Neptune
1928/08/19 02:39	1.269	3	8.0	Neptune	Alpha LEO Regulus	Mercury
1929/07/02 21:30	0.714	49	8.0	Mars	Alpha LEO Regulus	Neptune
1929/08/11 11:29	1.782	12	8.0	Mercury	Alpha LEO Regulus	Neptune
1932/09/13 23:52	0.984	-13	8.0	Mercury	Jupiter	Neptune
1941/05/11 04:07	1.568	6	5.8	Mercury	Venus	Jupiter Uranus
1941/05/11 08:30	0.781	6	5.8	Venus	Jupiter	Uranus
1944/07/28 16:59	1.560	24	1.4	Mercury	Alpha LEO Regulus	Jupiter
1947/08/26 02:33	1.307	-3	1.4	Mercury	Alpha LEO Regulus	Venus
1955/08/25 03:48	0.946	-2	1.7	Mars	Alpha LEO Regulus	Venus
1958/09/09 10:35	1.860	-16	1.4	Mercury	Alpha LEO Regulus	Venus
1961/09/22 15:38	1.109	-31	5.5	Venus	Alpha LEO Regulus	Uranus
1962/07/11 23:11	1.151	39	5.5	Venus	Alpha LEO Regulus	Uranus
1962/08/10 15:22	1.084	12	5.6	Mercury	Alpha LEO Regulus	Uranus
1974/10/25 07:01	0.781	-3	5.6	Venus	Mars	Uranus
1974/10/26 23:35	2.108	-3	5.6	Mercury	Venus	Mars Uranus
1978/07/11 05:33	1.590	40	1.4	Venus	Alpha LEO Regulus	Saturn
1980/05/04 05:27	1.599	106	1.4	Mars	Alpha LEO Regulus	Jupiter
1987/08/21 16:34	1.286	2	1.7	Mars	Alpha LEO Regulus	Mercury
1987/08/23 07:01	0.921	1	1.7	Venus	Alpha LEO Regulus	Mars

1989/08/04 23:40	1.362	17	1.7	Mars	Alpha LEO Regulus	Mercury
1990/12/18 08:12	2.088	11	5.8	Mercury	Venus	Uranus Moon
1991/09/10 10:57	0.347	-18	1.4	Jupiter	Alpha LEO Regulus	Mercury
1992/02/01 10:52	2.170	-24	8.0	Mars	Uranus	Neptune Moon
1998/09/07 15:00	1.760	-14	1.4	Venus	Alpha LEO Regulus	Mercury

3RD MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 3rd millennium CE.

DATE	TT	D	e	MAG	OBJECTS
		MAX	MIN		
2003/08/22 01:56	1.094	1	1.4	Jupiter	Alpha LEO Regulus Venus
2007/08/19 02:37	1.950	3	1.4	Mercury	Alpha LEO Regulus Saturn
2015/08/07 15:38	0.952	14	1.4	Jupiter	Alpha LEO Regulus Mercury
2029/03/27 18:50	0.348	2	7.9	Mercury	Venus Neptune
2032/06/02 22:50	2.995	11	5.7	Mercury	Mars Saturn Uranus
2035/04/08 18:27	3.085	3	7.9	Mercury	Jupiter Neptune Moon
2035/07/12 07:03	0.789	-8	5.7	Mercury	Venus Uranus
2036/10/01 15:06	1.942	-39	1.4	Venus	Alpha LEO Regulus Saturn
2037/07/21 18:06	1.610	32	1.4	Venus	Alpha LEO Regulus Saturn
2038/09/04 04:24	1.124	-12	1.4	Venus	Alpha LEO Regulus Mercury
2045/10/10 15:32	0.902	-47	5.5	Uranus	Alpha LEO Regulus Mars
2046/08/23 16:39	1.462	1	5.6	Mercury	Alpha LEO Regulus Uranus
2048/08/12 00:04	0.872	20	5.5	Mercury	Venus Uranus
2049/09/27 23:41	0.481	-18	5.5	Mercury	Mars Uranus

2053/11/24 19:36	0.987	-13	1.5	Mercury	Mars	Jupiter	
2062/09/28 06:59	0.834	-35	1.6	Jupiter	Alpha LEO	Regulus	Mars
2064/09/05 22:30	1.915	-14	1.7	Mars	Alpha LEO	Regulus	Mercury
2066/08/21 00:29	0.628	2	1.7	Mercury	Mars	Saturn	
2066/08/21 02:08	1.272	2	1.7	Saturn	Alpha LEO	Regulus	Mercury Mars
2066/08/21 02:14	1.271	3	1.4	Saturn	Alpha LEO	Regulus	Mercury
2066/08/21 12:16	0.877	2	1.7	Saturn	Alpha LEO	Regulus	Mars
2068/08/04 11:50	1.501	18	1.7	Mars	Alpha LEO	Regulus	Mercury
2070/12/01 01:11	0.614	13	5.7	Mercury	Venus	Uranus	
2085/07/18 22:59	1.948	32	1.7	Mars	Alpha LEO	Regulus	Venus
2086/09/01 16:48	0.800	-8	1.4	Jupiter	Alpha LEO	Regulus	Venus
2088/08/02 06:59	1.300	20	1.4	Mercury	Alpha LEO	Regulus	Venus
2092/08/22 23:11	1.580	-1	8.0	Mercury	Alpha LEO	Regulus	Neptune
2092/09/29 14:28	0.265	-36	8.0	Venus	Alpha LEO	Regulus	Neptune
2092/10/14 16:42	0.932	-51	8.0	Mars	Alpha LEO	Regulus	Neptune
2093/07/18 05:15	1.137	34	8.0	Venus	Alpha LEO	Regulus	Neptune
2093/08/15 04:52	1.158	8	8.0	Mercury	Alpha LEO	Regulus	Neptune
2095/10/10 10:39	1.857	-46	1.4	Venus	Alpha LEO	Regulus	Saturn
2096/09/16 20:03	0.648	-16	8.0	Mercury	Mars	Neptune	
2096/09/17 10:30	2.065	-15	8.0	Mercury	Mars	Saturn	Neptune
2098/08/17 18:18	0.652	6	1.7	Jupiter	Alpha LEO	Regulus	Mars
2098/09/03 13:15	0.845	1	8.0	Mercury	Mars	Neptune	
2099/08/27 13:40	0.515	10	8.0	Mercury	Venus	Neptune	
2117/07/18 08:50	1.072	35	1.6	Mars	Alpha LEO	Regulus	Venus
2122/07/08 03:10	1.615	44	1.4	Jupiter	Alpha LEO	Regulus	Venus
2122/09/09 16:03	0.932	-48	5.6	Mars	Saturn	Uranus	
2125/08/24 01:35	1.680	2	1.4	Mercury	Alpha LEO	Regulus	Saturn
2128/07/31 03:53	1.108	23	1.4	Mercury	Alpha LEO	Regulus	Venus
2129/09/11 08:39	1.926	-18	5.6	Mercury	Alpha LEO	Regulus	Uranus
2129/09/14 07:37	1.751	-21	5.6	Venus	Alpha LEO	Regulus	Uranus

2130/07/07 23:56	1.348	45	5.5	Venus	Alpha LEO	Regulus	Uranus
2130/08/15 07:19	0.878	10	5.6	Mars	Alpha LEO	Regulus	Uranus
2134/07/07 03:46	1.827	47	1.5	Mars	Alpha LEO	Regulus	Jupiter
2140/01/21 08:37	2.875	17	0.9	Mercury	Jupiter	Saturn	Moon
2143/09/07 10:53	1.777	-13	1.7	Mars	Alpha LEO	Regulus	Mercury
2145/08/21 12:06	1.255	3	1.7	Mars	Alpha LEO	Regulus	Mercury
2147/08/06 00:16	1.645	19	1.7	Mars	Alpha LEO	Regulus	Mercury
2149/07/16 19:54	1.582	37	1.6	Mars	Alpha LEO	Regulus	Venus
2166/02/28 05:57	2.749	-27	8.0	Mercury	Uranus	Neptune	Moon
2168/07/28 17:25	1.944	25	1.4	Mercury	Alpha LEO	Regulus	Venus
2169/09/09 15:13	0.925	-14	1.4	Mercury	Alpha LEO	Regulus	Jupiter
2169/09/13 04:54	1.660	-17	1.4	Venus	Alpha LEO	Regulus	Jupiter
2179/08/12 22:08	1.063	12	1.4	Venus	Alpha LEO	Regulus	Mercury
2184/07/28 03:27	1.202	26	1.4	Saturn	Alpha LEO	Regulus	Venus
2186/01/22 03:13	2.709	15	1.0	Mercury	Venus	Mars	Moon
2190/04/07 08:19	2.951	28	5.8	Mars	Jupiter	Uranus	Moon
2193/08/05 20:00	0.631	18	1.4	Jupiter	Alpha LEO	Regulus	Mercury
2196/12/14 06:22	0.856	-11	1.4	Venus	Mars	Jupiter	
2201/05/02 16:38	2.822	-12	7.9	Mars	Jupiter	Neptune	Moon
2201/05/02 16:40	2.785	-12	7.9	Mercury	Mars	Neptune	Moon
2201/05/02 17:14	2.827	-12	7.9	Mercury	Mars	Jupiter	Neptune Moon
2201/05/02 17:24	2.829	-12	7.9	Mercury	Jupiter	Neptune	Moon
2201/05/02 18:09	1.496	-12	1.9	Mercury	Mars	Jupiter	Moon
2201/05/03 09:30	2.961	-12	7.9	Mercury	Mars	Jupiter	Neptune
2201/03/09 14:18	0.988	-2	1.1	Mercury	Mars	Saturn	
2203/07/28 12:06	0.798	-20	5.7	Mars	Jupiter	Uranus	
2205/07/15 00:02	1.435	39	1.4	Jupiter	Alpha LEO	Regulus	Venus
2213/09/17 11:08	1.716	-22	5.5	Saturn	Alpha LEO	Regulus	Uranus
2214/07/30 05:03	0.785	26	5.5	Uranus	Alpha LEO	Regulus	Mercury
2214/08/27 19:05	1.521	1	5.6	Venus	Alpha LEO	Regulus	Uranus

2216/11/16 13:16	1.436	-80	1.4	Mars	Alpha LEO Regulus	Jupiter
2217/09/24 13:51	0.681	-12	5.5	Venus	Jupiter	Uranus
2222/09/07 22:57	1.638	-12	1.7	Mercury	Alpha LEO Regulus	Mars
2224/08/21 21:58	1.237	4	1.7	Mars	Alpha LEO Regulus	Mercury
2226/08/06 12:52	1.792	19	1.7	Mercury	Alpha LEO Regulus	Mars
2230/08/27 06:17	1.474	1	1.4	Mercury	Alpha LEO Regulus	Venus
2235/06/06 18:42	0.810	-3	1.4	Mercury	Venus	Mars
2243/07/23 02:21	1.096	33	1.6	Saturn	Alpha LEO Regulus	Mars
2252/09/23 13:52	1.113	-28	1.6	Mars	Alpha LEO Regulus	Venus
2257/08/20 23:55	1.384	4	8.0	Mercury	Alpha LEO Regulus	Neptune
2257/09/08 11:49	0.808	-13	8.0	Venus	Alpha LEO Regulus	Neptune
2258/07/30 19:35	0.613	26	8.0	Neptune	Alpha LEO Regulus	Mars
2258/08/13 10:31	0.988	13	8.0	Mercury	Alpha LEO Regulus	Neptune
2270/08/23 01:14	1.486	3	1.4	Venus	Alpha LEO Regulus	Mercury
2272/04/06 12:18	0.534	3	-1.8	Mercury	Venus	Jupiter
2277/08/03 22:01	2.263	44	1.5	Venus	Mars	Jupiter Moon
2284/09/21 19:48	0.985	-25	1.7	Venus	Alpha LEO Regulus	Mars
2284/11/08 00:43	0.866	-14	8.0	Mercury	Venus	Neptune
2286/07/10 17:19	0.436	-8	5.7	Venus	Jupiter	Uranus
2288/07/01 22:39	2.130	25	1.7	Mercury	Venus	Mars Moon
2288/07/23 19:05	1.077	32	1.4	Jupiter	Alpha LEO Regulus	Venus
2297/10/19 13:33	0.946	-53	5.5	Uranus	Alpha LEO Regulus	Mars
2298/08/09 08:25	0.741	17	5.5	Mercury	Alpha LEO Regulus	Uranus
2301/09/08 10:37	1.514	-12	1.7	Mars	Alpha LEO Regulus	Mercury
2301/12/05 10:30	0.859	-44	1.5	Venus	Mars	Jupiter
2303/08/23 07:51	1.216	5	1.7	Mars	Alpha LEO Regulus	Mercury
2305/08/07 01:51	1.959	20	1.7	Mercury	Alpha LEO Regulus	Mars
2312/01/08 09:08	0.921	-16	8.0	Venus	Saturn	Neptune
2321/09/06 10:58	1.204	-9	1.4	Venus	Alpha LEO Regulus	Mercury
2342/02/09 14:58	0.646	15	8.0	Mercury	Jupiter	Neptune

2342/04/04 10:55	2.283	-27	5.9	Mercury	Venus	Uranus	Moon
2342/04/04 11:14	2.767	-27	0.3	Mercury	Venus	Jupiter	Moon
2342/04/04 11:37	2.751	-27	5.9	Mercury	Venus	Jupiter	Uranus Moon
2342/04/04 11:41	2.749	-27	5.9	Venus	Jupiter	Uranus	Moon
2342/04/04 12:21	1.888	-27	5.9	Mercury	Jupiter	Uranus	Moon
2342/04/05 23:09	1.699	-27	5.9	Mercury	Venus	Jupiter	Uranus
2342/04/06 15:45	0.936	-28	5.9	Venus	Jupiter	Uranus	
2346/02/03 07:50	0.924	30	8.0	Venus	Mars	Neptune	
2347/09/09 23:53	1.985	-10	1.4	Mercury	Alpha LEO	Regulus	Jupiter
2361/05/23 22:36	0.514	-1	5.8	Mercury	Mars	Uranus	
2364/10/26 00:13	0.847	-11	0.7	Mercury	Venus	Saturn	
2371/08/04 17:09	1.080	23	1.4	Venus	Alpha LEO	Regulus	Jupiter
2371/08/06 09:48	1.266	22	1.4	Mercury	Alpha LEO	Regulus	Jupiter
2378/02/01 08:42	2.213	33	1.0	Mars	Jupiter	Saturn	Moon
2378/02/03 00:31	2.870	32	1.0	Venus	Mars	Jupiter	Saturn
2380/09/07 21:55	1.407	-11	1.7	Mars	Alpha LEO	Regulus	Mercury
2382/08/18 19:45	1.018	10	5.5	Venus	Alpha LEO	Regulus	Uranus
2382/08/22 17:45	1.195	6	1.7	Mars	Alpha LEO	Regulus	Mercury
2382/08/22 23:25	1.279	6	5.6	Mars	Alpha LEO	Regulus	Mercury Uranus
2382/08/22 23:30	1.282	6	5.6	Mercury	Alpha LEO	Regulus	Uranus
2382/08/23 04:00	0.936	6	5.6	Mercury	Mars	Uranus	
2382/08/23 09:11	1.036	5	5.6	Mars	Alpha LEO	Regulus	Uranus
2390/08/17 13:27	1.806	9	1.4	Venus	Alpha LEO	Regulus	Saturn
2406/02/22 10:16	0.938	1	1.1	Mercury	Mars	Saturn	
2411/08/02 16:57	1.573	25	1.4	Mercury	Alpha LEO	Regulus	Venus
2412/09/14 19:45	1.695	-17	1.4	Mercury	Alpha LEO	Regulus	Venus
2414/08/16 17:48	1.442	10	1.7	Venus	Alpha LEO	Regulus	Mars
2418/09/16 03:18	1.799	-17	1.4	Jupiter	Alpha LEO	Regulus	Mercury
2420/06/14 21:28	1.958	70	1.4	Mars	Alpha LEO	Regulus	Saturn
2421/11/20 02:04	1.478	-83	7.9	Neptune	Alpha LEO	Regulus	Mars

2422/03/19 20:32	0.930	-27	5.9	Mercury	Venus	Uranus
2422/08/15 19:17	1.194	11	8.0	Venus	Alpha LEO Regulus	Neptune
2422/08/18 02:42	1.195	9	8.0	Mercury	Alpha LEO Regulus	Neptune
2423/08/10 22:25	0.758	18	8.0	Mercury	Alpha LEO Regulus	Neptune
2438/05/02 05:30	0.609	-16	1.4	Mercury	Venus	Jupiter
2442/08/16 02:28	1.032	12	1.4	Jupiter	Alpha LEO Regulus	Mercury
2446/08/14 21:31	0.985	14	1.7	Mars	Alpha LEO Regulus	Venus
2449/08/12 06:54	1.804	14	1.4	Mercury	Alpha LEO Regulus	Saturn
2449/08/29 22:32	1.151	2	1.4	Venus	Alpha LEO Regulus	Saturn
2457/07/27 19:58	0.620	-9	5.6	Venus	Mars	Uranus
2459/09/08 09:05	1.301	-10	1.7	Mars	Alpha LEO Regulus	Mercury
2461/08/22 03:42	1.171	7	1.7	Mars	Alpha LEO Regulus	Mercury
2462/08/14 03:51	1.013	14	1.4	Venus	Alpha LEO Regulus	Mercury
2465/12/22 22:35	1.070	-114	5.4	Jupiter	Alpha LEO Regulus	Uranus
2466/01/05 15:23	0.816	-128	5.4	Uranus	Alpha LEO Regulus	Jupiter
2466/07/16 15:44	1.274	40	5.5	Uranus	Alpha LEO Regulus	Jupiter
2466/09/05 05:09	1.763	-5	5.6	Mercury	Alpha LEO Regulus	Uranus
2478/08/13 01:25	1.486	15	1.7	Venus	Alpha LEO Regulus	Mars
2502/03/03 16:28	0.687	-25	5.9	Mercury	Venus	Uranus
2508/03/02 22:12	2.298	-2	8.0	Jupiter	Uranus	Neptune Moon
2508/03/04 11:14	0.756	-3	8.0	Jupiter	Uranus	Neptune
2508/04/17 09:41	0.559	-45	7.9	Venus	Uranus	Neptune
2508/08/15 00:01	1.179	14	1.4	Mercury	Alpha LEO Regulus	Saturn
2508/08/26 14:03	1.215	4	1.7	Mars	Alpha LEO Regulus	Saturn
2509/02/06 17:17	0.789	25	8.0	Venus	Uranus	Neptune
2509/06/10 18:25	2.701	-92	7.9	Mars	Uranus	Neptune Moon
2510/03/11 07:20	2.855	-2	8.0	Mercury	Uranus	Neptune Moon
2512/07/16 05:28	1.673	41	1.6	Venus	Alpha LEO Regulus	Mars
2521/02/18 06:31	0.966	39	7.9	Mars	Jupiter	Neptune
2521/07/30 22:55	0.963	-4	1.6	Mercury	Venus	Mars

2538/09/08 19:55	1.220	-9	1.7	Mars	Alpha LEO Regulus	Mercury	
2540/08/22 13:45	1.145	7	1.7	Mars	Alpha LEO Regulus	Mercury	
2544/07/15 03:31	0.778	44	1.6	Mars	Alpha LEO Regulus	Venus	
2549/01/02 01:46	1.686	19	1.1	Mercury	Venus	Mars	Moon
2549/10/16 15:37	1.605	-46	5.5	Venus	Alpha LEO Regulus	Uranus	
2549/10/28 13:36	1.012	-58	5.5	Uranus	Alpha LEO Regulus	Mars	
2550/08/10 00:21	1.013	20	5.5	Uranus	Alpha LEO Regulus	Venus	
2553/08/24 05:05	1.181	5	1.4	Venus	Alpha LEO Regulus	Mercury	
2555/10/15 05:39	2.823	-15	5.5	Mercury	Mars	Uranus	Moon
2557/10/03 01:23	0.920	1	5.5	Mercury	Mars	Uranus	
2561/06/30 23:24	0.636	57	1.4	Jupiter	Alpha LEO Regulus	Mars	
2563/09/17 07:04	2.731	44	5.6	Venus	Mars	Jupiter	Uranus
2567/08/17 17:45	0.986	13	1.4	Saturn	Alpha LEO Regulus	Mercury	
2577/01/14 10:03	0.754	-21	0.9	Mercury	Jupiter	Saturn	
2582/02/14 02:25	0.785	-23	5.8	Mercury	Venus	Uranus	
2586/10/05 22:45	1.169	-36	8.0	Venus	Alpha LEO Regulus	Neptune	
2587/07/24 13:17	1.650	34	8.0	Venus	Alpha LEO Regulus	Neptune	
2587/08/15 09:39	0.943	14	8.0	Mercury	Alpha LEO Regulus	Neptune	
2587/08/26 02:34	0.663	4	8.0	Mars	Alpha LEO Regulus	Neptune	
2588/08/07 20:30	0.970	22	8.0	Mercury	Alpha LEO Regulus	Neptune	
2591/02/17 19:01	0.926	8	5.9	Mercury	Jupiter	Uranus	
2596/09/05 22:16	1.187	-7	1.4	Jupiter	Alpha LEO Regulus	Venus	
2596/09/16 16:44	1.621	-17	1.4	Mercury	Alpha LEO Regulus	Saturn	
2596/09/17 11:06	1.391	-16	1.4	Mercury	Alpha LEO Regulus	Jupiter	
2603/03/05 03:56	2.864	1	-1.4	Mercury	Venus	Jupiter	Moon
2604/09/07 16:30	1.385	-6	1.4	Venus	Alpha LEO Regulus	Mercury	
2617/09/09 06:31	1.236	-9	1.7	Mars	Alpha LEO Regulus	Mercury	
2619/08/23 23:51	1.118	8	1.7	Mars	Alpha LEO Regulus	Mercury	
2620/08/15 06:11	0.810	16	1.4	Mercury	Alpha LEO Regulus	Jupiter	
2623/12/05 03:00	2.168	-0	6.0	Mercury	Venus	Mars	Jupiter

2626/08/20 12:11	1.492	12	1.4	Mercury	Alpha LEO	Regulus	Saturn
2634/08/09 11:35	0.271	22	5.5	Uranus	Alpha LEO	Regulus	Mercury
2634/08/31 12:02	1.277	2	5.6	Mars	Alpha LEO	Regulus	Uranus
2638/08/21 11:09	0.629	28	5.5	Venus	Mars	Uranus	
2639/05/20 22:45	2.975	-45	0.9	Venus	Mars	Jupiter	Moon
2641/03/07 07:57	0.997	-15	1.1	Mercury	Mars	Saturn	
2643/11/07 17:17	1.151	-66	1.4	Jupiter	Alpha LEO	Regulus	Mars
2644/09/03 12:19	1.486	-3	1.4	Venus	Alpha LEO	Regulus	Mercury
2645/10/16 03:01	1.303	-44	1.5	Venus	Alpha LEO	Regulus	Mars
2646/06/15 18:13	2.406	128	5.4	Mars	Jupiter	Uranus	Moon
2655/09/19 11:35	0.820	-18	0.6	Mercury	Venus	Saturn	
2655/09/19 13:59	1.015	-18	1.4	Saturn	Alpha LEO	Regulus	Venus
2655/09/19 16:15	1.009	-18	1.4	Mercury	Alpha LEO	Regulus	Venus Saturn
2655/09/19 18:23	1.003	-18	1.4	Saturn	Alpha LEO	Regulus	Mercury
2655/09/19 20:23	0.707	-18	1.4	Mercury	Alpha LEO	Regulus	Venus
2655/12/08 16:05	0.980	2	5.7	Venus	Mars	Uranus	
2656/06/13 19:39	1.612	75	1.4	Jupiter	Alpha LEO	Regulus	Saturn
2671/03/28 10:07	0.852	-27	8.0	Mercury	Saturn	Neptune	
2671/04/04 08:10	0.866	-34	8.0	Mars	Saturn	Neptune	
2675/03/03 01:33	0.655	6	8.0	Venus	Mars	Neptune	
2679/09/18 12:55	0.738	-16	1.4	Venus	Alpha LEO	Regulus	Jupiter
2679/09/22 12:11	1.331	-19	1.7	Mars	Alpha LEO	Regulus	Jupiter
2681/01/08 06:13	0.656	71	7.9	Mars	Uranus	Neptune	
2681/03/19 22:39	0.896	2	8.0	Mercury	Uranus	Neptune	
2684/08/25 09:07	0.630	-3	0.5	Mercury	Venus	Saturn	
2685/07/26 05:20	1.516	34	1.6	Saturn	Alpha LEO	Regulus	Mars
2691/08/26 21:43	1.276	4	1.4	Mercury	Alpha LEO	Regulus	Jupiter
2695/09/17 07:30	0.858	-15	1.4	Venus	Alpha LEO	Regulus	Mercury
2696/09/08 16:59	1.248	-8	1.7	Mars	Alpha LEO	Regulus	Mercury
2698/08/23 10:03	1.089	9	1.7	Mars	Alpha LEO	Regulus	Mercury

2711/09/17 14:40	1.183	-14	1.7	Mars	Alpha LEO	Regulus	Venus
2713/07/29 14:10:06	4.983	10	5.6	Mercury	Venus	Mars	Saturn Uranus
2713/08/03 02:13	0.522	11	1.7	Venus	Mars	Saturn	
2714/09/21 11:23	1.192	-18	1.4	Mercury	Alpha LEO	Regulus	Saturn
2714/09/21 14:54	1.314	-17	1.4	Saturn	Alpha LEO	Regulus	Mercury
2714/10/02 12:08	1.981	-27	1.4	Venus	Alpha LEO	Regulus	Saturn
2715/07/24 22:19	2.921	24	5.6	Mercury	Mars	Uranus	Moon
2716/09/19 23:01	0.775	6	0.6	Mercury	Venus	Saturn	
2717/10/14 05:28	0.759	-41	5.5	Venus	Alpha LEO	Regulus	Uranus
2718/08/02 16:20	1.054	29	5.5	Venus	Alpha LEO	Regulus	Uranus
2718/08/22 09:22	1.045	11	5.6	Mercury	Alpha LEO	Regulus	Uranus
2725/07/03 05:41	1.890	-22	1.0	Mercury	Alpha TAU	Aldebaran	Venus
2728/11/21 13:11	3.103	-28	5.5	Mars	Jupiter	Uranus	Moon
2728/11/26 16:54	0.633	-33	5.5	Mars	Jupiter	Uranus	
2730/11/17 13:52	2.453	-15	5.6	Mercury	Venus	Mars	Uranus
2732/11/14 15:27	0.659	-3	5.6	Mercury	Mars	Uranus	
2743/09/15 18:22	0.773	-12	1.7	Mars	Alpha LEO	Regulus	Venus
2745/03/23 09:30	2.954	-21	-0.2	Mercury	Venus	Jupiter	Moon
2745/08/16 10:12	1.302	16	1.4	Venus	Alpha LEO	Regulus	Mercury
2748/10/15 17:13	2.996	13	0.8	Mercury	Venus	Saturn	Moon
2751/09/14 16:29	1.618	-12	8.0	Venus	Alpha LEO	Regulus	Neptune
2752/01/13 01:40	0.935	18	5.9	Mercury	Venus	Uranus	
2752/08/13 00:01	0.685	19	8.0	Mercury	Alpha LEO	Regulus	Neptune
2752/10/20 13:38	1.986	-45	8.0	Venus	Alpha LEO	Regulus	Neptune
2753/05/20 14:59	1.172	100	7.9	Mars	Alpha LEO	Regulus	Neptune
2753/08/07 13:26	1.239	25	8.0	Mercury	Alpha LEO	Regulus	Neptune
2753/08/15 21:09	1.526	18	8.0	Venus	Alpha LEO	Regulus	Neptune
2762/09/19 22:41	0.634	5	8.0	Mercury	Mars	Neptune	
2762/09/29 19:55	1.789	-24	1.4	Venus	Alpha LEO	Regulus	Jupiter
2766/03/28 01:48	0.826	1	5.9	Mercury	Venus	Uranus	

2773/09/21 15:46	1.846	-17	1.4	Mercury	Alpha LEO	Regulus	Saturn
2775/09/10 03:17	1.257	-7	1.7	Mars	Alpha LEO	Regulus	Mercury
2775/09/13 22:00	1.814	-9	1.7	Venus	Alpha LEO	Regulus	Mars
2777/08/23 20:24	1.058	10	1.7	Mars	Alpha LEO	Regulus	Mercury
2777/11/13 21:59	1.991	-16	8.0	Mercury	Mars	Saturn	Neptune
2785/08/12 22:03	1.221	19	1.4	Mercury	Alpha LEO	Regulus	Venus
2798/07/29 08:03	1.650	33	1.4	Venus	Alpha LEO	Regulus	Jupiter
2798/08/14 13:53	1.780	19	1.4	Mercury	Alpha LEO	Regulus	Jupiter
2801/11/07 05:17	1.111	-64	5.5	Mars	Alpha LEO	Regulus	Uranus
2802/09/04 13:21	1.487	1	5.6	Mercury	Alpha LEO	Regulus	Uranus
2803/07/18 21:29	1.120	44	1.4	Venus	Alpha LEO	Regulus	Saturn
2805/10/25 14:21	0.985	-33	5.5	Venus	Mars	Uranus	
2810/10/29 09:37	0.877	-14	5.5	Mercury	Venus	Uranus	
2836/08/25 09:11	1.096	8	1.4	Venus	Alpha LEO	Regulus	Mercury
2846/03/11 05:42	0.928	2	5.9	Mercury	Venus	Uranus	
2852/04/29 15:50	0.941	-22	7.9	Venus	Uranus	Neptune	
2853/03/31 11:05	1.357	8	7.9	Jupiter	Uranus	Neptune	Moon
2854/09/09 13:25	1.263	-6	1.7	Mars	Alpha LEO	Regulus	Mercury
2856/08/23 06:44	1.025	10	1.7	Mercury	Alpha LEO	Regulus	Mars
2861/10/07 14:13	1.200	-34	1.4	Venus	Alpha LEO	Regulus	Saturn
2862/06/18 20:12	1.755	72	1.4	Mars	Alpha LEO	Regulus	Saturn
2869/08/24 17:36	1.069	9	1.4	Jupiter	Alpha LEO	Regulus	Mercury
2873/08/08 15:55	1.704	23	1.7	Mars	Alpha LEO	Regulus	Venus
2881/08/08 00:39	1.027	25	1.4	Jupiter	Alpha LEO	Regulus	Venus
2884/07/17 19:27	0.775	1	1.6	Mercury	Venus	Mars	
2885/10/06 05:30	1.178	-32	5.5	Venus	Alpha LEO	Regulus	Uranus
2886/07/25 06:08	1.087	38	5.5	Venus	Alpha LEO	Regulus	Uranus
2886/09/07 16:19	1.600	-2	5.6	Mars	Alpha LEO	Regulus	Uranus
2888/09/05 07:32	0.965	8	5.5	Mercury	Mars	Uranus	
2889/04/27 23:26	0.389	-1	-1.7	Mercury	Venus	Jupiter	

2894/09/26 07:34	2.266	15	5.5	Mercury	Jupiter	Saturn	Uranus
2898/09/22 01:35	1.525	-17	1.4	Mercury	Alpha LEO	Regulus	Venus
2905/08/07 21:46	1.004	26	1.7	Mars	Alpha LEO	Regulus	Venus
2907/07/19 21:30	0.810	45	1.6	Venus	Alpha LEO	Regulus	Mars
2916/09/21 03:30	1.070	-17	8.0	Mars	Alpha LEO	Regulus	Neptune
2916/10/17 21:21	0.309	-42	8.0	Neptune	Alpha LEO	Regulus	Jupiter
2917/04/12 05:15	1.681	138	7.9	Jupiter	Alpha LEO	Regulus	Neptune
2917/08/11 02:48	0.470	23	8.0	Mercury	Alpha LEO	Regulus	Neptune
2917/10/06 15:25	1.575	-30	8.0	Venus	Alpha LEO	Regulus	Neptune
2918/07/25 18:36	1.131	40	8.0	Venus	Alpha LEO	Regulus	Neptune
2920/10/18 18:20	1.870	-42	1.4	Venus	Alpha LEO	Regulus	Saturn
2927/09/05 15:57	1.262	2	1.4	Venus	Alpha LEO	Regulus	Mercury
2930/11/03 03:13	0.573	-4	-1.2	Mercury	Venus	Jupiter	
2933/09/09 23:28	1.267	-6	1.7	Mars	Alpha LEO	Regulus	Mercury
2935/08/24 17:13	0.990	11	1.7	Mercury	Alpha LEO	Regulus	Mars
2937/03/20 02:48	0.811	-8	0.8	Mercury	Venus	Saturn	
2937/08/06 04:09	1.400	28	1.7	Mars	Alpha LEO	Regulus	Venus
2941/11/16 21:21	0.732	-19	8.0	Mercury	Venus	Neptune	
2945/01/27 05:10	0.567	-20	-0.2	Mercury	Venus	Jupiter	
2950/08/10 19:23	1.169	24	1.4	Saturn	Alpha LEO	Regulus	Mercury
2964/08/19 07:00	1.003	16	1.4	Venus	Alpha LEO	Regulus	Jupiter
2967/08/26 19:06	2.613	-2	5.6	Mercury	Venus	Uranus	Moon
2970/08/09 11:40	0.719	25	5.5	Uranus	Alpha LEO	Regulus	Mercury
2978/09/18 17:56	1.038	-13	1.4	Venus	Alpha LEO	Regulus	Mercury
2979/09/10 15:58	1.887	-6	1.4	Mercury	Alpha LEO	Regulus	Saturn
2981/11/16 09:22	1.894	-15	5.6	Mercury	Venus	Uranus	Moon
2994/01/31 19:12	1.585	16	8.0	Mercury	Jupiter	Saturn	Neptune
2994/02/03 00:48	1.842	14	8.0	Jupiter	Saturn	Neptune	Moon
2999/09/20 20:13	0.652	8	1.7	Mercury	Venus	Mars	

4TH MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 4th millennium CE.

DATE	TT	D	e	MAG	OBJECTS			
		MAX	MIN					
3004/03/31 06:03	0.576	-19	8.0	Venus	Mars	Neptune		
3009/08/03 10:14	1.090	32	1.4	Saturn	Alpha LEO	Regulus	Venus	
3009/08/13 10:28	1.538	23	1.4	Mercury	Alpha LEO	Regulus	Saturn	
3012/09/10 09:28	1.268	-5	1.7	Mars	Alpha LEO	Regulus	Mercury	
3014/08/25 03:53	0.953	12	1.7	Mercury	Alpha LEO	Regulus	Mars	
3018/09/15 21:46	1.583	-9	1.4	Venus	Alpha LEO	Regulus	Mercury	
3019/03/01 17:57	2.986	30	5.9	Venus	Jupiter	Uranus	Moon	
3023/09/25 13:44	0.798	-18	1.4	Mercury	Alpha LEO	Regulus	Jupiter	
3038/09/13 14:51	1.244	-7	1.4	Saturn	Alpha LEO	Regulus	Mercury	
3039/09/11 08:48	1.943	7	0.6	Mercury	Venus	Saturn	Moon	
3040/10/14 01:51	1.182	-37	1.6	Mars	Alpha LEO	Regulus	Venus	
3046/06/17 15:05	1.768	38	5.6	Venus	Mars	Jupiter	Uranus	
3046/06/20 01:30	0.919	37	5.6	Mars	Jupiter	Uranus		
3047/08/24 14:54	0.909	13	1.4	Jupiter	Alpha LEO	Regulus	Mercury	
3047/08/31 19:56	1.997	7	1.4	Venus	Alpha LEO	Regulus	Jupiter	
3053/09/29 00:19	1.848	-23	5.6	Venus	Alpha LEO	Regulus	Uranus	
3053/11/17 02:16	1.228	-70	5.5	Mars	Alpha LEO	Regulus	Uranus	
3054/07/21 05:42	1.543	44	5.5	Venus	Alpha LEO	Regulus	Uranus	
3054/08/21 00:29	0.718	16	5.6	Mercury	Alpha LEO	Regulus	Uranus	
3066/05/13 04:34	1.797	-37	1.0	Venus	Mars	Jupiter	Moon	

3066/05/14 21:06	0.803	-37	1.0	Venus	Mars	Jupiter	
3067/10/23 14:16	1.734	-46	1.4	Venus	Alpha LEO Regulus	Saturn	
3068/08/14 08:22	0.992	22	1.4	Mercury	Alpha LEO Regulus	Venus	
3072/10/12 11:53	1.118	-34	1.6	Venus	Alpha LEO Regulus	Mars	
3082/07/04 05:51	1.237	61	8.0	Mars	Alpha LEO Regulus	Neptune	
3082/08/10 05:27	0.927	26	8.0	Neptune	Alpha LEO Regulus	Mercury	
3082/09/13 16:23	1.063	-6	8.0	Venus	Alpha LEO Regulus	Neptune	
3082/09/25 15:44	1.901	-17	8.0	Mercury	Alpha LEO Regulus	Neptune	
3083/03/12 09:29	1.807	174	7.8	Jupiter	Alpha LEO Regulus	Neptune	
3083/06/30 15:38	0.854	66	7.9	Jupiter	Alpha LEO Regulus	Neptune	
3091/09/10 19:17	1.266	-4	1.7	Mars	Alpha LEO Regulus	Mercury	
3093/08/24 14:35	1.029	13	1.7	Mars	Alpha LEO Regulus	Mercury	
3095/09/22 04:51	2.131	14	8.0	Venus	Mars	Neptune	Moon
3097/09/15 12:55	1.729	-7	1.4	Mercury	Alpha LEO Regulus	Saturn	
3102/03/12 23:49	2.514	20	5.9	Venus	Jupiter	Uranus	Moon
3102/03/30 07:35	0.693	8	1.1	Mercury	Mars	Jupiter	
3103/04/30 23:54	0.909	-22	5.9	Mercury	Venus	Uranus	
3104/12/23 23:21	0.861	-16	0.9	Mercury	Venus	Saturn	
3106/09/18 23:13	1.814	-11	1.7	Jupiter	Alpha LEO Regulus	Mars	
3108/08/12 13:54	1.677	24	1.4	Mercury	Alpha LEO Regulus	Venus	
3118/09/05 11:44	1.493	1	1.4	Mercury	Alpha LEO Regulus	Jupiter	
3119/08/28 13:35	1.092	10	1.4	Venus	Alpha LEO Regulus	Mercury	
3137/01/13 11:26	1.872	-8	8.0	Venus	Saturn	Neptune	Moon
3138/09/03 19:27	1.259	5	5.6	Mercury	Alpha LEO Regulus	Uranus	
3138/09/11 14:01	1.462	-2	5.6	Venus	Alpha LEO Regulus	Uranus	
3138/09/16 18:16	1.781	-7	5.6	Mars	Alpha LEO Regulus	Uranus	
3142/08/08 15:21	0.904	28	1.7	Jupiter	Alpha LEO Regulus	Mars	
3149/03/14 02:23	0.350	9	1.1	Mercury	Mars	Jupiter	
3159/08/24 16:10	1.895	13	1.4	Mercury	Alpha LEO Regulus	Venus	
3169/03/07 08:55	0.790	7	8.0	Mercury	Venus	Neptune	

3170/09/09 05:22	1.673	-2	1.7	Venus	Alpha LEO Regulus	Mars		
3170/09/11 05:08	1.262	-3	1.7	Mars	Alpha LEO Regulus	Mercury		
3172/08/25 01:36	1.128	14	1.7	Mars	Alpha LEO Regulus	Mercury		
3175/06/23 15:20	0.907	-3	-1.9	Mercury	Venus	Jupiter		
3178/06/19 10:55	1.697	78	1.4	Mars	Alpha LEO Regulus	Jupiter		
3189/09/22 12:29	1.938	-15	1.4	Venus	Alpha LEO Regulus	Jupiter		
3194/06/04 08:57:52	3.769	-27	7.9	Mercury	Venus	Mars	Uranus	Neptune
3196/02/26 18:13	0.763	9	1.0	Mercury	Mars	Jupiter		
3196/05/26 04:48	2.350	-9	7.9	Mercury	Mars	Uranus	Neptune	
3198/05/10 19:30	2.905	8	7.9	Mars	Jupiter	Uranus	Neptune	
3198/05/11 13:04	2.451	7	7.9	Mercury	Mars	Jupiter	Neptune	
3198/05/11 20:52:33	2.923	7	7.9	Mars	Neptune	Mercury	Jupiter	Uranus
3198/05/11 20:53	2.923	7	7.9	Mercury	Mars	Jupiter	Uranus	Neptune
3198/05/11 21:05	2.923	7	7.9	Mercury	Mars	Uranus	Neptune	
3198/05/11 21:17	2.923	7	7.9	Mercury	Jupiter	Uranus	Neptune	
3198/05/12 07:16	1.673	8	5.9	Mercury	Mars	Jupiter	Uranus	
3202/09/07 08:33	0.901	1	1.7	Mars	Alpha LEO Regulus	Venus		
3210/09/06 19:28	1.220	2	1.4	Venus	Alpha LEO Regulus	Mercury		
3211/08/27 15:36	2.778	-35	5.7	Mars	Saturn	Uranus	Moon	
3212/04/27 13:57	0.686	80	5.6	Jupiter	Saturn	Uranus		
3215/08/22 18:11	1.088	17	1.4	Saturn	Alpha LEO Regulus	Venus		
3222/09/17 01:22	1.766	-6	5.6	Mercury	Alpha LEO Regulus	Uranus		
3225/08/22 17:22	1.421	17	1.4	Mercury	Alpha LEO Regulus	Jupiter		
3234/09/05 11:44	1.184	3	1.7	Mars	Alpha LEO Regulus	Venus		
3244/07/29 17:23	2.931	30	8.0	Venus	Saturn	Neptune	Moon	
3244/08/26 04:56	2.755	7	8.0	Mercury	Saturn	Neptune	Moon	
3245/10/18 02:16	1.661	-39	8.0	Mars	Alpha LEO Regulus	Neptune		
3246/08/13 11:34	1.872	23	8.0	Mercury	Alpha LEO Regulus	Neptune		
3246/10/26 18:56	1.430	-46	8.0	Venus	Alpha LEO Regulus	Neptune		
3247/07/06 12:56	0.828	6	1.5	Mercury	Venus	Mars		

3247/08/21 01:34	1.001	19	8.0	Venus	Alpha LEO	Regulus	Neptune
3247/09/27 04:20	1.860	-16	8.0	Mercury	Alpha LEO	Regulus	Neptune
3249/09/10 14:55	1.256	-2	1.7	Mars	Alpha LEO	Regulus	Mercury
3251/08/25 12:43	1.234	14	1.7	Mars	Alpha LEO	Regulus	Mercury
3254/03/08 19:35	2.924	-33	5.8	Mars	Jupiter	Uranus	Moon
3260/10/27 16:55	0.947	-47	1.5	Mars	Alpha LEO	Regulus	Jupiter
3261/09/20 02:34	1.793	-10	1.4	Mercury	Alpha LEO	Regulus	Venus
3272/10/02 21:28	0.673	-24	1.4	Jupiter	Alpha LEO	Regulus	Venus
3273/12/03 08:25	1.549	-84	1.4	Saturn	Alpha LEO	Regulus	Mars
3289/02/13 06:43	3.019	11	0.9	Mercury	Venus	Saturn	Moon
3296/09/02 07:02	1.141	6	1.4	Jupiter	Alpha LEO	Regulus	Mercury
3301/09/17 02:45	1.245	-7	1.4	Venus	Alpha LEO	Regulus	Mercury
3304/06/24 13:14	1.990	74	1.4	Mars	Alpha LEO	Regulus	Saturn
3305/11/27 20:38	1.402	-77	5.5	Mars	Alpha LEO	Regulus	Uranus
3306/09/02 15:52	1.008	8	5.6	Venus	Alpha LEO	Regulus	Uranus
3322/02/09 06:50	2.986	10	8.0	Mercury	Mars	Neptune	Moon
3328/09/11 00:37	1.248	-2	1.7	Mars	Alpha LEO	Regulus	Mercury
3330/08/25 23:55	1.337	15	1.7	Mars	Alpha LEO	Regulus	Mercury
3332/08/02 15:18	1.079	36	1.6	Mars	Alpha LEO	Regulus	Venus
3351/08/16 19:43	1.744	23	1.4	Venus	Alpha LEO	Regulus	Mercury
3352/09/28 22:51	1.571	-18	1.4	Venus	Alpha LEO	Regulus	Mercury
3354/05/19 07:48	0.770	-17	7.9	Mercury	Venus	Neptune	
3355/10/14 19:30	0.898	-32	1.4	Venus	Alpha LEO	Regulus	Jupiter
3362/09/09 02:45	0.599	14	1.7	Mercury	Venus	Mars	
3364/05/27 23:29	0.841	-4	7.9	Mercury	Jupiter	Neptune	
3364/08/01 03:08	0.885	38	1.6	Venus	Alpha LEO	Regulus	Mars
3369/01/26 08:19	0.946	12	1.1	Mercury	Venus	Mars	
3381/10/11 16:41	2.962	23	1.5	Mercury	Mars	Jupiter	Moon
3388/06/27 14:46	1.962	18	7.9	Mercury	Saturn	Neptune	Moon
3390/08/20 02:18	0.273	21	5.6	Uranus	Alpha LEO	Regulus	Mercury

3391/08/14 05:13	1.954	26	1.4	Mercury	Alpha LEO	Regulus	Venus
3402/08/29 18:24	1.467	12	1.4	Venus	Alpha LEO	Regulus	Mercury
3405/09/27 18:30	1.995	-16	1.7	Mars	Alpha LEO	Regulus	Mercury
3407/09/12 10:26	1.238	1	1.7	Mars	Alpha LEO	Regulus	Mercury
3409/08/26 11:21	1.462	16	1.7	Mercury	Alpha LEO	Regulus	Mars
3411/08/03 23:30	1.888	36	8.0	Mars	Alpha LEO	Regulus	Neptune
3411/08/14 04:07	1.565	26	8.0	Mercury	Alpha LEO	Regulus	Neptune
3411/09/30 20:28	0.274	-18	8.0	Mercury	Alpha LEO	Regulus	Neptune
3411/10/12 21:27	0.613	-29	8.0	Venus	Alpha LEO	Regulus	Neptune
3412/07/31 04:20	0.794	41	8.0	Venus	Alpha LEO	Regulus	Neptune
3413/07/15 23:05	1.872	56	8.0	Mars	Alpha LEO	Regulus	Neptune
3421/09/11 08:53	1.488	1	1.4	Venus	Alpha LEO	Regulus	Saturn
3424/10/19 03:08	0.575	-9	8.0	Mercury	Venus	Neptune	
3431/01/25 12:43	0.781	-21	0.9	Venus	Jupiter	Saturn	
3431/01/25 18:11	2.313	-21	0.9	Mercury	Venus	Jupiter	Saturn
3431/03/19 14:44	0.736	-8	5.9	Venus	Mars	Uranus	
3438/10/24 15:12	1.847	-40	1.4	Venus	Alpha LEO	Regulus	Jupiter
3442/08/25 23:13	1.226	16	1.4	Mercury	Alpha LEO	Regulus	Venus
3450/08/09 00:59	0.536	22	0.5	Mercury	Jupiter	Saturn	
3450/08/18 11:53	0.820	14	0.5	Venus	Jupiter	Saturn	
3450/10/23 07:16	1.817	-41	1.5	Mars	Alpha LEO	Regulus	Saturn
3467/10/09 17:11	1.820	-26	1.6	Mars	Alpha LEO	Regulus	Venus
3473/10/29 05:30	1.862	-46	5.5	Venus	Alpha LEO	Regulus	Uranus
3474/08/24 11:49	1.068	17	1.4	Jupiter	Alpha LEO	Regulus	Venus
3474/08/24 16:11	1.100	17	5.6	Jupiter	Alpha LEO	Regulus	Venus Uranus
3474/08/24 20:07	0.962	18	5.6	Venus	Alpha LEO	Regulus	Uranus
3474/08/29 16:44	0.501	13	5.6	Jupiter	Alpha LEO	Regulus	Uranus
3474/09/02 04:54	1.037	10	5.6	Mercury	Alpha LEO	Regulus	Uranus
3474/09/02 05:29	1.052	10	1.4	Mercury	Alpha LEO	Regulus	Jupiter
3474/09/02 06:37	1.084	10	5.6	Mercury	Alpha LEO	Regulus	Jupiter Uranus

3474/09/02 10:47	0.724	10	5.6	Mercury	Jupiter	Uranus
3480/09/06 03:04	1.513	5	1.4	Mercury	Alpha LEO Regulus	Saturn
3480/09/23 17:31	1.503	-11	1.4	Venus	Alpha LEO Regulus	Saturn
3482/03/08 14:19	0.763	-25	8.0	Mercury	Venus	Neptune
3484/09/27 08:52	1.803	-15	1.7	Mercury	Alpha LEO Regulus	Mars
3486/09/11 20:08	1.226	1	1.7	Mars	Alpha LEO Regulus	Mercury
3488/08/25 23:00	1.591	17	1.7	Mercury	Alpha LEO Regulus	Mars
3488/11/16 01:16	0.761	3	5.6	Venus	Jupiter	Uranus
3493/05/06 12:11	1.469	-27	1.0	Venus	Mars	Jupiter Moon
3493/09/07 22:58	1.169	4	1.4	Venus	Alpha LEO Regulus	Mercury
3499/10/07 22:47	0.736	-25	1.6	Mars	Alpha LEO Regulus	Venus
3506/05/21 07:01	0.167	-6	-1.6	Mercury	Venus	Jupiter
3509/11/07 08:28	1.076	-53	1.4	Jupiter	Alpha LEO Regulus	Saturn
3510/03/21 07:27	1.564	170	1.4	Jupiter	Alpha LEO Regulus	Saturn
3510/07/06 09:51	1.968	65	1.4	Saturn	Alpha LEO Regulus	Jupiter
3522/02/28 16:44	0.617	-24	0.9	Mercury	Venus	Saturn
3523/06/03 17:38	2.662	-46	5.9	Venus	Mars	Uranus Moon
3530/06/16 16:54	0.991	-17	7.9	Mercury	Jupiter	Neptune
3531/10/07 03:57	1.387	-21	1.7	Venus	Alpha LEO Regulus	Mars
3533/08/31 10:28	2.863	3	1.7	Mercury	Venus	Mars Jupiter
3533/09/01 00:33	0.932	5	-1.5	Mercury	Venus	Jupiter
3538/06/11 04:40	0.770	2	5.8	Mercury	Venus	Uranus
3539/09/09 22:58	1.172	4	1.4	Saturn	Alpha LEO Regulus	Mercury
3545/09/14 07:20	1.276	-2	1.4	Jupiter	Alpha LEO Regulus	Mercury
3547/11/24 15:10	0.298	-9	-1.1	Mercury	Venus	Jupiter
3550/02/06 00:50	0.716	-19	0.9	Mercury	Jupiter	Saturn
3557/09/05 01:21	0.951	8	1.4	Jupiter	Alpha LEO Regulus	Venus
3557/12/09 15:49	1.621	-85	5.5	Mars	Alpha LEO Regulus	Uranus
3558/09/16 09:26	1.405	-1	5.6	Mercury	Alpha LEO Regulus	Uranus
3562/02/16 21:17	0.875	-24	-0.0	Mercury	Venus	Jupiter

3563/09/28 22:37	1.618	-15	1.7	Mars	Alpha LEO Regulus	Mercury
3565/09/12 05:50	1.212	2	1.7	Mars	Alpha LEO Regulus	Mercury
3567/07/17 08:32	0.896	32	1.6	Venus	Mars	Saturn
3567/08/27 10:49	1.719	17	1.7	Mercury	Alpha LEO Regulus	Mars
3571/10/23 19:41	2.689	22	5.6	Mercury	Mars	Jupiter Uranus
3575/10/02 14:32	2.948	59	5.6	Mars	Saturn	Uranus Moon
3576/09/18 21:21	0.867	-5	8.0	Venus	Alpha LEO Regulus	Neptune
3576/09/29 13:51	0.863	-15	8.0	Mercury	Alpha LEO Regulus	Neptune
3576/10/29 01:54	1.508	-43	8.0	Mars	Alpha LEO Regulus	Neptune
3584/09/18 07:04	1.251	-5	1.4	Venus	Alpha LEO Regulus	Mercury
3595/10/03 15:27	1.425	-18	1.4	Mercury	Alpha LEO Regulus	Venus
3595/10/09 20:32	0.391	-17	1.7	Mercury	Venus	Mars
3598/09/11 19:29	1.358	3	1.4	Mercury	Alpha LEO Regulus	Saturn
3599/04/06 22:38	2.074	-24	5.9	Mercury	Jupiter	Uranus Moon
3605/06/03 15:58	0.889	98	1.4	Jupiter	Alpha LEO Regulus	Mars
3609/11/15 23:09	2.927	65	0.8	Mars	Jupiter	Saturn Moon
3626/06/19 13:10	0.896	11	5.8	Venus	Jupiter	Uranus
3632/08/11 04:38	0.608	-12	5.7	Mercury	Venus	Uranus
3635/10/01 13:02	0.802	-16	1.4	Venus	Alpha LEO Regulus	Mercury
3641/10/27 08:47	0.853	-42	5.5	Venus	Alpha LEO Regulus	Uranus
3642/08/16 07:22	0.987	27	5.6	Venus	Alpha LEO Regulus	Uranus
3642/09/28 11:51	1.450	-14	1.7	Mars	Alpha LEO Regulus	Mercury
3644/09/11 15:32	1.196	3	1.7	Mars	Alpha LEO Regulus	Mercury
3645/09/11 10:55	0.621	17	5.5	Mercury	Venus	Uranus
3646/08/26 22:54	1.867	18	1.7	Mercury	Alpha LEO Regulus	Mars
3661/08/29 23:30	0.990	14	1.7	Mars	Alpha LEO Regulus	Venus
3668/01/05 10:12	2.166	11	1.2	Mercury	Venus	Mars Saturn
3669/03/04 22:52	0.500	-30	0.9	Venus	Jupiter	Saturn
3675/09/28 07:00	1.280	-13	1.4	Mercury	Alpha LEO Regulus	Venus
3680/07/05 19:39	0.735	-18	0.5	Mercury	Venus	Saturn

3686/10/13 01:52	1.005	-27	1.4	Venus	Alpha LEO	Regulus	Saturn
3687/10/23 10:06	1.055	-38	1.6	Jupiter	Alpha LEO	Regulus	Mars
3693/08/28 03:28	0.949	17	1.7	Mars	Alpha LEO	Regulus	Venus
3711/06/04 01:04	2.980	29	7.9	Venus	Saturn	Uranus	Neptune
3711/07/31 23:28	2.875	-19	7.9	Mercury	Saturn	Uranus	Neptune
3715/09/20 21:29	0.600	-13	0.5	Mercury	Venus	Saturn	
3715/12/07 04:02	1.501	-81	1.4	Saturn	Alpha LEO	Regulus	Mars
3721/09/29 00:24	1.311	-13	1.7	Mars	Alpha LEO	Regulus	Mercury
3723/09/12 16:57	0.553	3	1.7	Jupiter	Alpha LEO	Regulus	Mars
3723/09/13 01:15	1.178	3	1.7	Mars	Alpha LEO	Regulus	Mercury
3723/09/13 02:04	1.182	3	1.4	Jupiter	Alpha LEO	Regulus	Mercury
3723/09/13 02:09	1.183	3	1.7	Jupiter	Alpha LEO	Regulus	Mercury Mars
3723/09/13 04:32	0.824	3	1.7	Mercury	Mars	Jupiter	
3725/08/27 07:04	0.951	18	1.4	Venus	Alpha LEO	Regulus	Mercury
3725/08/27 07:49	1.961	18	1.7	Venus	Alpha LEO	Regulus	Mars
3726/08/20 19:06	0.679	24	5.6	Mercury	Alpha LEO	Regulus	Uranus
3732/01/12 11:53	1.646	17	1.1	Mercury	Venus	Mars	Moon
3740/10/03 03:00	1.061	-18	8.0	Mercury	Alpha LEO	Regulus	Neptune
3740/11/01 22:52	1.098	-46	8.0	Neptune	Alpha LEO	Regulus	Venus
3741/08/26 07:42	0.962	19	8.0	Venus	Alpha LEO	Regulus	Neptune
3741/09/27 08:18	1.209	-10	8.0	Mercury	Alpha LEO	Regulus	Neptune
3742/08/13 20:18	1.347	32	8.0	Mars	Alpha LEO	Regulus	Neptune
3742/12/09 18:18	2.986	-6	5.6	Venus	Mars	Uranus	Moon
3746/09/27 16:43	1.959	43	1.4	Mars	Alpha VIR	Spica	Venus
3747/10/15 10:41	0.933	-4	0.6	Mercury	Venus	Saturn	
3749/05/29 23:09	0.811	-4	1.2	Mercury	Venus	Mars	
3759/07/31 20:04	0.444	44	1.6	Mars	Alpha LEO	Regulus	Venus
3759/08/01 08:37	1.624	45	1.4	Venus	Alpha LEO	Regulus	Jupiter
3759/08/01 08:44	1.625	44	1.6	Mars	Alpha LEO	Regulus	Jupiter
3759/08/01 10:17	1.636	44	1.6	Mars	Alpha LEO	Regulus	Venus Jupiter

3759/08/02 10:40	0.729	44	1.6	Venus	Mars	Jupiter	
3762/03/01 08:15	0.549	-6	5.9	Venus	Mars	Uranus	
3765/03/25 22:23	2.837	-16	5.9	Mercury	Venus	Jupiter	Uranus
3775/07/30 23:14	1.745	44	1.4	Venus	Alpha LEO	Regulus	Saturn
3776/09/09 02:36	1.363	6	1.4	Venus	Alpha LEO	Regulus	Mercury
3782/10/08 05:49	1.800	-22	1.4	Venus	Alpha LEO	Regulus	Jupiter
3792/07/14 01:14	0.621	-7	-1.7	Mercury	Venus	Jupiter	
3794/09/24 03:46	1.550	-8	1.4	Mercury	Alpha LEO	Regulus	Jupiter
3800/09/29 12:34	1.175	-13	1.7	Mars	Alpha LEO	Regulus	Mercury
3802/09/13 11:00	1.158	4	1.7	Mars	Alpha LEO	Regulus	Mercury
3809/10/21 17:08	1.377	-34	5.6	Venus	Alpha LEO	Regulus	Uranus
3809/12/23 17:04	1.948	-95	5.5	Mars	Alpha LEO	Regulus	Uranus
3810/08/09 13:52	1.305	36	5.6	Venus	Alpha LEO	Regulus	Uranus
3810/09/01 17:12	0.707	15	5.6	Uranus	Alpha LEO	Regulus	Mercury
3816/09/06 00:36	1.522	9	1.4	Venus	Alpha LEO	Regulus	Mercury
3834/08/09 07:24	1.525	38	1.4	Venus	Alpha LEO	Regulus	Saturn
3841/12/13 19:09	1.634	-85	1.4	Mars	Alpha LEO	Regulus	Jupiter
3842/08/09 05:11	1.920	38	1.4	Venus	Alpha LEO	Regulus	Jupiter
3848/02/19 01:12	3.037	9	0.9	Mercury	Jupiter	Saturn	Moon
3848/02/19 04:03	2.512	11	5.9	Mercury	Jupiter	Uranus	Moon
3860/10/31 16:08	0.942	-43	1.5	Venus	Alpha LEO	Regulus	Mars
3862/09/26 18:33	0.440	-19	1.6	Venus	Mars	Saturn	
3865/10/19 04:17	0.778	-31	1.4	Jupiter	Alpha LEO	Regulus	Venus
3866/10/09 16:22	0.904	1	1.7	Mercury	Mars	Jupiter	
3867/09/20 10:54	1.243	-2	1.4	Venus	Alpha LEO	Regulus	Mercury
3875/07/27 02:52	0.907	-16	7.9	Venus	Jupiter	Neptune	
3875/07/27 13:23	2.669	-16	7.9	Venus	Mars	Jupiter	Neptune
3879/09/30 00:21	1.129	-12	1.7	Mars	Alpha LEO	Regulus	Mercury
3881/09/12 20:48	1.137	5	1.7	Mars	Alpha LEO	Regulus	Mercury
3892/10/27 16:18	0.992	-39	1.5	Mars	Alpha LEO	Regulus	Saturn

3892/10/30 08:04	1.970	-40	1.5	Venus	Alpha LEO	Regulus	Mars	Saturn
3892/10/30 09:56	1.931	-40	1.5	Venus	Alpha LEO	Regulus	Mars	
3892/10/30 15:12	1.063	-42	1.4	Venus	Alpha LEO	Regulus	Saturn	
3894/09/14 14:48	1.217	4	5.6	Mercury	Alpha LEO	Regulus	Uranus	
3896/08/16 23:36	1.790	9	8.0	Mercury	Venus	Mars	Neptune	
3898/08/03 08:47	2.788	24	8.0	Mercury	Mars	Neptune	Moon	
3901/09/11 20:03	1.146	7	1.4	Mercury	Alpha LEO	Regulus	Jupiter	
3905/10/02 20:16	1.045	-14	8.0	Mercury	Alpha LEO	Regulus	Neptune	
3905/10/18 05:49	0.618	-29	8.0	Neptune	Alpha LEO	Regulus	Venus	
3905/12/01 02:31	1.349	-71	7.9	Mars	Alpha LEO	Regulus	Neptune	
3906/08/06 17:14	0.732	41	8.0	Venus	Alpha LEO	Regulus	Neptune	
3906/09/25 14:12	1.361	-5	8.0	Mercury	Alpha LEO	Regulus	Neptune	
3907/04/15 10:48	0.719	-39	0.8	Venus	Jupiter	Saturn		
3909/06/10 04:50	0.539	10	2.0	Mercury	Venus	Mars		
3917/09/07 15:49	0.921	34	8.0	Venus	Mars	Neptune		
3918/10/04 03:25	1.784	-13	1.4	Venus	Alpha LEO	Regulus	Mercury	
3920/04/30 18:52	2.897	-17	1.0	Venus	Mars	Jupiter	Moon	
3922/09/01 11:31	1.280	16	1.4	Mercury	Alpha LEO	Regulus	Saturn	
3926/10/02 16:38	1.942	-13	1.7	Mars	Alpha LEO	Regulus	Venus	
3939/04/30 16:44	2.891	-25	5.9	Mercury	Saturn	Uranus	Moon	
3948/10/29 04:35	0.300	-39	1.4	Jupiter	Alpha LEO	Regulus	Venus	
3951/10/03 14:08	1.954	-14	1.4	Mercury	Alpha LEO	Regulus	Saturn	
3958/09/30 00:40	0.499	-11	1.7	Mercury	Venus	Mars		
3958/09/30 11:43	1.155	-11	1.7	Mars	Alpha LEO	Regulus	Mercury	
3958/09/30 12:11	1.151	-11	1.7	Mars	Alpha LEO	Regulus	Mercury	Venus
3958/09/30 14:19	1.149	-11	1.4	Venus	Alpha LEO	Regulus	Mercury	
3958/09/30 20:11	0.834	-11	1.7	Mars	Alpha LEO	Regulus	Venus	
3960/09/13 06:40	1.113	6	1.7	Mercury	Alpha LEO	Regulus	Mars	
3962/11/20 13:09	0.892	-5	1.6	Mercury	Mars	Jupiter		
3965/02/02 06:31	1.998	-15	1.3	Mercury	Venus	Mars	Jupiter	

3967/02/17 06:52	0.704	24	0.8	Venus	Jupiter	Saturn
3972/09/22 22:41	1.290	-5	1.4	Jupiter	Alpha LEO Regulus	Mercury
3973/09/04 01:33	0.740	-7	5.6	Mercury	Mars	Uranus
3978/08/03 18:56	1.816	43	5.5	Venus	Alpha LEO Regulus	Uranus
3978/09/28 19:54	1.501	-8	5.6	Mercury	Alpha LEO Regulus	Uranus
3981/08/15 01:58	1.860	32	1.4	Venus	Alpha LEO Regulus	Saturn
3981/09/03 08:04	1.418	16	1.4	Mercury	Alpha LEO Regulus	Saturn
3990/09/28 23:40	1.007	-8	1.7	Mars	Alpha LEO Regulus	Venus
3996/08/21 20:39	1.508	26	1.4	Jupiter	Alpha LEO Regulus	Mercury
3998/05/04 06:23	0.942	-27	8.0	Mercury	Saturn	Neptune

5TH MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 5th millennium CE.

21.08.4065 - conjunction between Mercury and Saturn

17.12.4105 - conjunction between Mercury and Saturn

22.11.4296 - conjunction between Venus and Alpha SCO Antares

19.03.4467 - conjunction between Venus and Saturn

02.11.4567 - conjunction between Uranus and Neptune

22.01.4841 - conjunction between Mercury and Uranus

23.03.4897 - conjunction between Jupiter and Uranus

24.03.4953 - conjunction between 2 Pallas and Alpha LEO Regulus

25.11.4959 - conjunction between Mercury and Saturn

19.12.4998 - conjunction between Venus and Mars

6TH MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 6th millennium CE.

12.09.5158 - conjunction between Mercury and Saturn

17.09.5337 - conjunction between Mercury and Saturn

27.08.5366 - conjunction between Venus and Alpha TAU Aldebaran

11.09.5657 - conjunction between Saturn and Pluto

25.07.5773 - conjunction between Mercury and Saturn

25.01.5874 - conjunction between Mercury and Saturn

7TH MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 7th millennium CE.

24.06.6155 - conjunction between Uranus and Pluto

21.02.6244 - conjunction between Mercury and Pluto

16.03.6403 - conjunction between Jupiter and Pluto

05.01.6728 - conjunction between Mercury and Saturn

08.01.6728 - conjunction between Venus and Saturn

02.10.6690 - conjunction between Mercury and Saturn

8TH MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 8th millennium CE.

24.03.7367 - conjunction between Venus and Uranus

05.03.7642 - conjunction between Mercury and Saturn

28.10.7838 - conjunction between Mercury and Neptune

03.11.7838 - conjunction between Mercury and Saturn

28.02.7858 - conjunction between Mars and Uranus

9TH MILLENNIUM CE

This is a list of conjunctions between astronomical objects in the 9th millennium CE.

05.10.8007 - conjunction between Venus and Alpha TAU Aldebaran

16.11.8073 - conjunction between Mars and Saturn

06.01.8078 - conjunction between Mercury and Saturn

06.09.8136 - conjunction between Mercury and Alpha TAU Aldebaran

13.01.8257 - conjunction between Mercury and Saturn

18.11.8615 - conjunction between 1 Ceres and Alpha LEO Regulus

23.09.8971 - conjunction between Mercury and Alpha TAU Aldebaran

05.10.10674 - conjunction between Mercury and Alpha TAU Aldebaran

28.04.10974 - conjunction between 1 Ceres and Alpha SCO Antares

28.11.13534 - conjunction between Mercury and Alpha TAU Aldebaran

18.04.22767 - conjunction between 1 Ceres and Alpha TAU Aldebaran

01.08.23527 - conjunction between 2 Pallas and Alpha GEM Castor

11.01.40529 - conjunction between 1 Ceres and Alpha TAU Aldebaran

07.01.41367 - conjunction between 1 Ceres and Alpha TAU Aldebaran